

Maths Topics

Homework Sheets

for Year 3

by
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40 Single-sided
Fill-in Sheets

Full Answers
Included

Sample pages
Not for actual use
Sample pages
Not for actual use

2021 Edition



Introduction

Welcome to the **Maths Topics Homework Sheets for Year 3** PDF book, a resource designed to cover your entire maths homework requirement for Year 3.

This practical learning tool includes 40 single-sided homework sheets, covering topics on the Year 3 National Curriculum. We recommend one homework sheet to be set each week, with any remaining sheets to be set as holiday homework.

As the year progresses, pupils could put their completed sheets into a homework file or folder, hence providing a full homework record for every pupil in your Year 3 class.

Alternatively, the PDF book could be printed out and stapled or ring-bound to make a complete book for each pupil.

The sheets can be tackled in any order depending upon your own scheme of work for Year 3. They appear in this book broadly in the order in which the topics are listed in the National Curriculum.

Answers are also provided in the form of fully filled-in sheets. This should make marking easy and also allows for the relevant page to be projected onto a screen in your classroom to allow for peer marking.

We hope that your pupils enjoy and benefit from the material in this book.

Details of our other fantastic mathematics resources can be found on our website:

www.mentalmaths.co.uk

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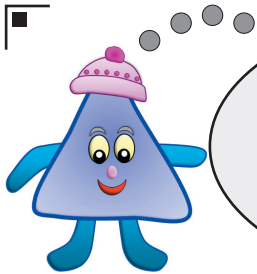


Topic Contents

1. Counting in Multiples
2. Finding 10 or 100 More, or Less
3. Place Value
4. Comparing and Ordering Numbers
5. Representing and Estimating Numbers
6. Reading and Writing Numbers
7. Solving Number Problems
8. Adding Numbers Mentally
9. Subtracting Numbers Mentally
10. Adding Numbers
11. Subtracting Numbers
12. Estimating Answers
13. Missing Number Problems
14. 3, 4, and 8 Times Tables
15. Multiplication Problems
16. Division Problems
17. Introducing Tenths
18. Recognising Tenths
19. Writing Fractions of Amounts
20. Recognising Fractions as Numbers
21. Equivalent Fractions
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24. Comparing and Ordering Fractions
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31. Reading Time
32. Time Questions
33. 2D Shapes
34. Recognising Angles
35. Lines
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37. Interpreting Pictograms
38. Drawing Bar Charts
39. Interpreting Bar Charts
40. Information in Tables

Answer sheets follow the question sheets.





Maths Homework
this week is about:

**Counting
in Multiples**

Name: _____

Date: _____

Teacher: _____

Year
3

(1) For each question, write your answers in the boxes below.

(a) Count up in multiples of 4.

0	4					
---	---	--	--	--	--	--

(b) Count up in multiples of 8.

0	8					
---	---	--	--	--	--	--

(c) Count up in multiples of 50.

0	50					
---	----	--	--	--	--	--

(d) Count up in multiples of 100.

0	100					
---	-----	--	--	--	--	--

(2) Find the next three multiples of 4.

2			
---	--	--	--

(3) Find the next three multiples of 8.

56			
----	--	--	--

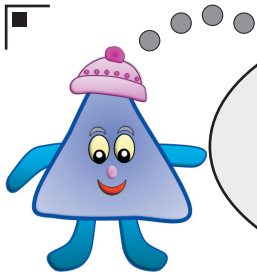
(4) Find the next three multiples of 50.

550			
-----	--	--	--

(5) Find the next three multiples of 100.

700			
-----	--	--	--





Maths Homework
this week is about:

Finding 10 or 100
More, or Less

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Add 10 to each number.

(a) 19 $\xrightarrow{+10}$ _____

(b) 47 $\xrightarrow{+10}$ _____

(c) 83 $\xrightarrow{+10}$ _____

(d) 253 $\xrightarrow{+10}$ _____

(e) 461 $\xrightarrow{+10}$ _____

(f) 694 $\xrightarrow{+10}$ _____

(2) Subtract 10 from each number.

(a) _____ $\xleftarrow{-10}$ 48

(b) _____ $\xleftarrow{-10}$ 23

(c) _____ $\xleftarrow{-10}$ 85

(d) _____ $\xleftarrow{-10}$ 204

(e) _____ $\xleftarrow{-10}$ 467

(f) _____ $\xleftarrow{-10}$ 732

(3) Add 100 to each number.

(a) 147 $\xrightarrow{+100}$ _____

(b) 485 $\xrightarrow{+100}$ _____

(c) 826 $\xrightarrow{+100}$ _____

(d) 1637 $\xrightarrow{+100}$ _____

(e) 2341 $\xrightarrow{+100}$ _____

(f) 4185 $\xrightarrow{+100}$ _____

(4) Subtract 100 from each number.

(a) _____ $\xleftarrow{-100}$ 317

(b) _____ $\xleftarrow{-100}$ 681

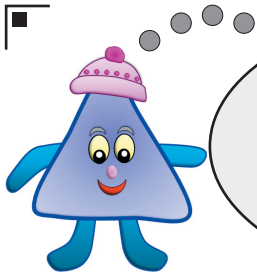
(c) _____ $\xleftarrow{-100}$ 1028

(d) _____ $\xleftarrow{-100}$ 1134

(e) _____ $\xleftarrow{-100}$ 2235

(f) _____ $\xleftarrow{-100}$ 3509





Maths Homework
this week is about:

Place Value

Name: _____

Date: _____

Teacher: _____

Year
3

For each number, give the value of the digit indicated, both in words, and using digits.

(eg)

3 4 2

four tens

40

(1)

7 4 6

(2)

8 0 6

(3)

9 3 1

(4)

2 9 2

(5)

8 6 9

(6)

5 7 8

(7)

4 2 3

(8)

5 8 1

(9)

9 1 2

(10)

2 5 7

(11)

8 2 4

(12)

3 5 6

(13)

4 2 3

(14)

2 9 8

(15)

8 3 4

(16)

7 6 0

(17)

1 4 2

(18)

6 0 4

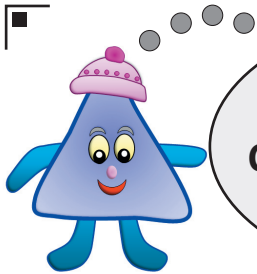
(19)

1 5 7

(20)

6 3 5





Maths Homework
this week is about:

Comparing and Ordering Numbers

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Put each set of numbers in order from lowest to highest.

(a)

14	11
17	18

 In order:

(b)

29	32
27	24

 In order:

(c)

56	53
59	51

 In order:

(d)

82	84
81	88

 In order:

(e)

58	62
23	41

 In order:

(f)

65	33
72	41

 In order:

(g)

182	176
171	180

 In order:

(h)

256	275
293	348

 In order:

(i)

398	399
317	306

 In order:

(j)

158	359
147	415

 In order:

(k)

724	693
379	482

 In order:

(l)

374	196
789	523

 In order:

(2) Draw a circle around the biggest number in each question.

(a)

37	29	46	19
----	----	----	----

(b)

81	21	42	63
----	----	----	----

(c)

29	83	46	61
----	----	----	----

(d)

91	76	95	59
----	----	----	----

(e)

146	395	237	410
-----	-----	-----	-----

(f)

529	753	686	321
-----	-----	-----	-----

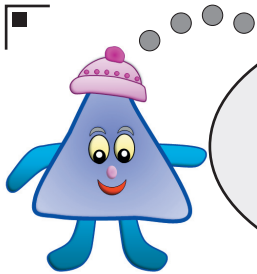
(g)

463	436	364	346
-----	-----	-----	-----

(h)

809	729	384	814
-----	-----	-----	-----





Maths Homework
this week is about:

Representing and Estimating Numbers

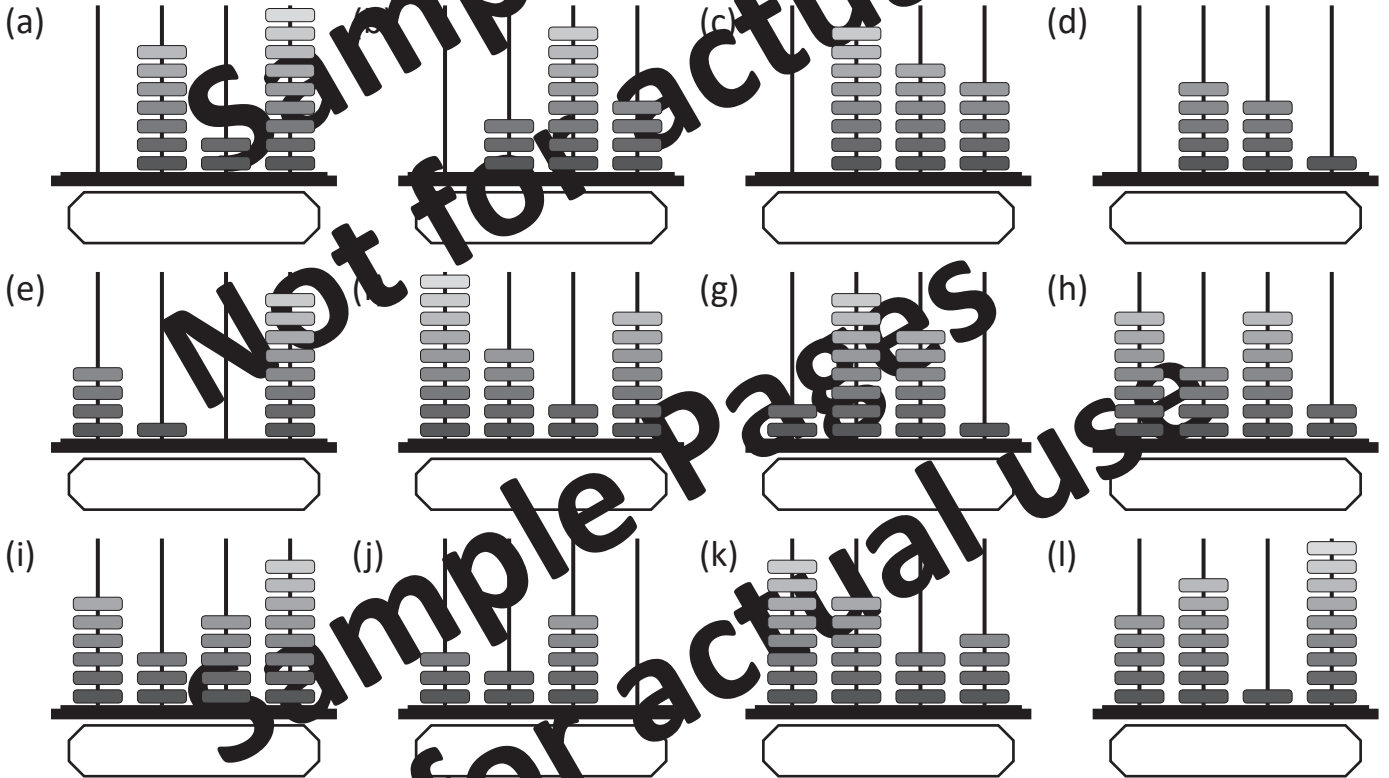
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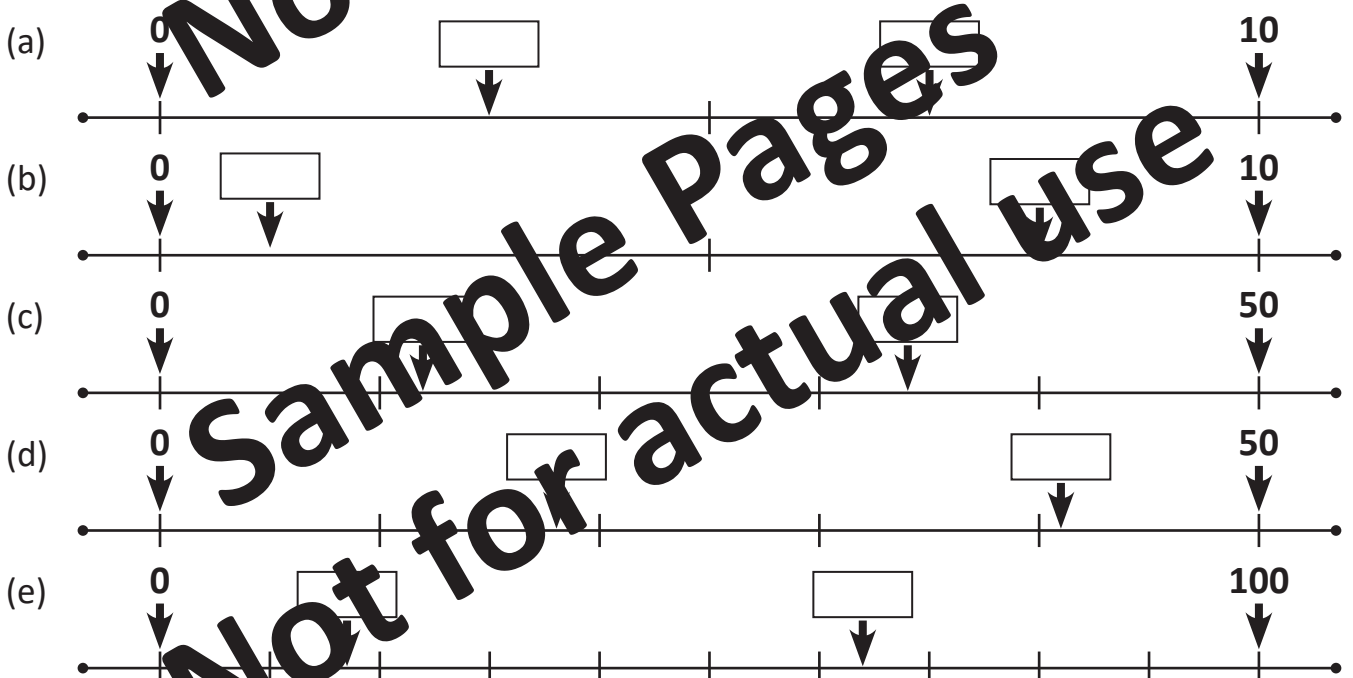
Teacher: _____

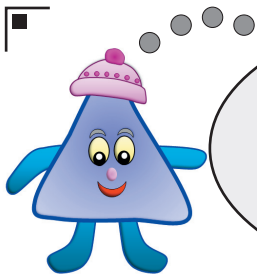
Year
3

(1) Say which number is shown on each abacus.



(2) Estimate which whole numbers the arrows are pointing to on each of these number lines.





Maths Homework
this week is about:

Reading and Writing Numbers

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Write each of these numbers in figures. Write each answer in the box.

(a)

Twenty five

(c)

Two hundred and forty eight

(e)

Five hundred and thirteen

(g)

Seven hundred and twenty one

(i)

One hundred and ninety nine

(b)

Fifty Six

(d)

Eight hundred and thirty eight

(f)

Nine hundred and seventy six

(h)

Three hundred and forty five

(j)

Six hundred and fifty two

(2) Write each of these words in figures. Write each answer on the sign.

(a)

39

(c)

171

(e)

533

(g)

217

(i)

935

(b)

92

(d)

426

(f)

572

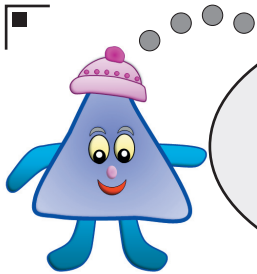
(h)

650

(j)

888





Maths Homework
this week is about:
**Solving
Number Problems**

Name: _____

Date: _____

Teacher: _____

Year
3

(1) For each set of signs, draw a ring around the sign which contains a multiple of 4.

(a) (b) (c)
(d) (e) (f)

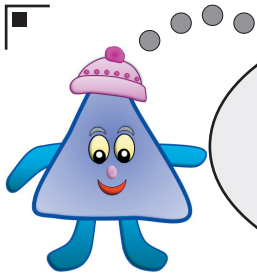
(2) For each set of signs, draw a ring around the sign which contains a multiple of 8.

(a) (b) (c)
(d) (e) (f)

(3) In each question, use all the digits once each to make the largest number you can.

(a) (b) (c)
(d) (e) (f)
(g) (h) (i)





Maths Homework
this week is about:

Adding Numbers Mentally

Name: _____

Date: _____

Teacher: _____

Year
3

For all the questions on this sheet, try to work out the answers in your head.

(1) For each question, add the three numbers in the circles. Write your answer in the triangle.

(a) $\begin{matrix} 11 \\ 9 \quad 17 \end{matrix}$ (b) $\begin{matrix} 8 \\ 11 \quad 13 \end{matrix}$ (c) $\begin{matrix} 20 \\ 14 \quad 19 \end{matrix}$ (d) $\begin{matrix} 16 \\ 13 \quad 10 \end{matrix}$ (e) $\begin{matrix} 14 \\ 9 \quad 22 \end{matrix}$

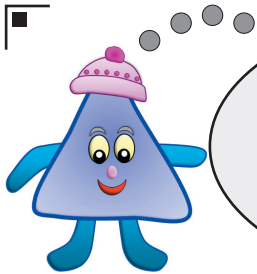
(f) $\begin{matrix} 7 \\ 12 \quad 15 \end{matrix}$ (g) $\begin{matrix} 9 \\ 12 \quad 9 \end{matrix}$ (h) $\begin{matrix} 18 \\ 17 \quad 18 \end{matrix}$ (i) $\begin{matrix} 20 \\ 12 \quad 12 \end{matrix}$ (j) $\begin{matrix} 25 \\ 30 \quad 15 \end{matrix}$

(2) For each question, add the two numbers on the signs. Write your answer in the top sign.

(a) $\begin{matrix} \bigcirc \\ 23 \quad 17 \end{matrix}$ (b) $\begin{matrix} \bigcirc \\ 37 \quad 37 \end{matrix}$ (c) $\begin{matrix} \bigcirc \\ 42 \quad 39 \end{matrix}$ (d) $\begin{matrix} \bigcirc \\ 48 \quad 19 \end{matrix}$ (e) $\begin{matrix} \bigcirc \\ 28 \quad 52 \end{matrix}$

(f) $\begin{matrix} \bigcirc \\ 28 \quad 65 \end{matrix}$ (g) $\begin{matrix} \bigcirc \\ 48 \quad 51 \end{matrix}$ (h) $\begin{matrix} \bigcirc \\ 62 \quad 26 \end{matrix}$ (i) $\begin{matrix} \bigcirc \\ 71 \quad 16 \end{matrix}$ (j) $\begin{matrix} \bigcirc \\ 41 \quad 34 \end{matrix}$





Maths Homework
this week is about:
**Subtracting Numbers
Mentally**

Name: _____

Date: _____

Teacher: _____

Year
3

For all the questions on this sheet, try to work out the answers in your head.

(1) Find the answer to each subtraction question. Write your answer in the box.

(a) $28 - 9$

(b) $37 - 5$

(c) $53 - 5$

(d) $49 - 6$

(e) $62 - 7$

(f) $83 - 8$

(g) $58 - 12$

(h) $72 - 10$

(i) $58 - 15$

(j) $87 - 15$

(k) $67 - 17$

(l) $91 - 19$

(2) Find the answer to each of these subtraction questions. Write your answer in the box.

(a) $62 - 34 =$

(b) $71 - 56 =$

(c) $82 - 29 =$

(d) $77 - 45 =$

(e) $62 - 56 =$

(f) $87 - 43 =$

(g) $59 - 27 =$

(h) $73 - 51 =$

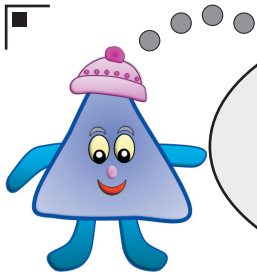
(i) $85 - 39 =$

(j) $68 - 48 =$

(k) $96 - 29 =$

(l) $84 - 66 =$





Maths Homework
this week is about:

Adding Numbers

Name: _____

Date: _____

Teacher: _____

Year
3

Add each pair of numbers, showing your working.

(1)
$$\begin{array}{r} 24 \\ + 53 \\ \hline \\ \hline \end{array}$$

(2)
$$\begin{array}{r} 26 \\ + 23 \\ \hline \\ \hline \end{array}$$

(3)
$$\begin{array}{r} 83 \\ + 55 \\ \hline \\ \hline \end{array}$$

(4)
$$\begin{array}{r} 36 \\ + 57 \\ \hline \\ \hline \end{array}$$

(5)
$$\begin{array}{r} 29 \\ + 47 \\ \hline \\ \hline \end{array}$$

(6)
$$\begin{array}{r} 78 \\ + 68 \\ \hline \\ \hline \end{array}$$

(7)
$$\begin{array}{r} 35 \\ + 524 \\ \hline \\ \hline \end{array}$$

(8)
$$\begin{array}{r} 381 \\ + 416 \\ \hline \\ \hline \end{array}$$

(9)
$$\begin{array}{r} 645 \\ + 227 \\ \hline \\ \hline \end{array}$$

(10)
$$\begin{array}{r} 437 \\ + 458 \\ \hline \\ \hline \end{array}$$

(11)
$$\begin{array}{r} 492 \\ + 55 \\ \hline \\ \hline \end{array}$$

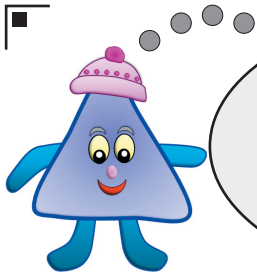
(12)
$$\begin{array}{r} 384 \\ + 165 \\ \hline \\ \hline \end{array}$$

(13)
$$\begin{array}{r} 753 \\ + 286 \\ \hline \\ \hline \end{array}$$

(14)
$$\begin{array}{r} 468 \\ + 786 \\ \hline \\ \hline \end{array}$$

(15)
$$\begin{array}{r} 687 \\ + 938 \\ \hline \\ \hline \end{array}$$





Maths Homework
this week is about:

Subtracting Numbers

Name: _____

Date: _____

Teacher: _____

Year
3

Subtract each pair of numbers, showing your working.

(1)
$$\begin{array}{r} 76 \\ - 34 \\ \hline \\ \hline \end{array}$$

(2)
$$\begin{array}{r} 98 \\ - 27 \\ \hline \\ \hline \end{array}$$

(3)
$$\begin{array}{r} 68 \\ - 19 \\ \hline \\ \hline \end{array}$$

(4)
$$\begin{array}{r} 73 \\ - 57 \\ \hline \\ \hline \end{array}$$

(5)
$$\begin{array}{r} 84 \\ - 38 \\ \hline \\ \hline \end{array}$$

(6)
$$\begin{array}{r} 67 \\ - 39 \\ \hline \\ \hline \end{array}$$

(7)
$$\begin{array}{r} 586 \\ - 321 \\ \hline \\ \hline \end{array}$$

(8)
$$\begin{array}{r} 846 \\ - 312 \\ \hline \\ \hline \end{array}$$

(9)
$$\begin{array}{r} 764 \\ - 327 \\ \hline \\ \hline \end{array}$$

(10)
$$\begin{array}{r} 835 \\ - 518 \\ \hline \\ \hline \end{array}$$

(11)
$$\begin{array}{r} 636 \\ - 357 \\ \hline \\ \hline \end{array}$$

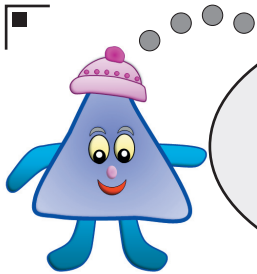
(12)
$$\begin{array}{r} 743 \\ - 555 \\ \hline \\ \hline \end{array}$$

(13)
$$\begin{array}{r} 693 \\ - 498 \\ \hline \\ \hline \end{array}$$

(14)
$$\begin{array}{r} 845 \\ - 672 \\ \hline \\ \hline \end{array}$$

(15)
$$\begin{array}{r} 536 \\ - 278 \\ \hline \\ \hline \end{array}$$





Maths Homework
this week is about:

Estimating Answers

Name: _____

Date: _____

Teacher: _____

Year
3

For each question, round the amount of money to the nearest £1.

Then use the rounded answers to find an approximate answer to the calculation.

$$£2.96 + £3.17$$

Rounded:

$$£2 + £3$$

$$= £5$$

(1) $£3.14 + £1.02$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(2) $£4.89 + £5.79$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(3) $£7.77 + £9.18$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(4) $£12.36 + £3.31$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(5) $£11.84 + £12.27$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(6) $£16.23 + £8.59$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(7) $£17.23 + £12.80$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(8) $£22.76 + £18.14$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(9) $£21.21 + £29.29$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(10) $£137.96 + £10.99$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

(11) $£330.88 + £116.51$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$

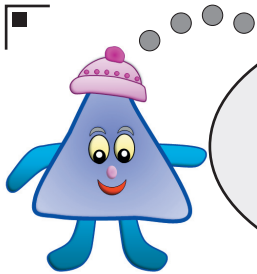
(12) $£214.19 + £538.99$

Rounded:

$$\boxed{} + \boxed{}$$

$$= \boxed{}$$





Maths Homework
this week is about:

Missing Number Problems

Name: _____

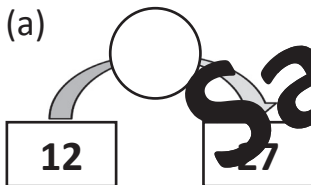
Date: _____

Teacher: _____

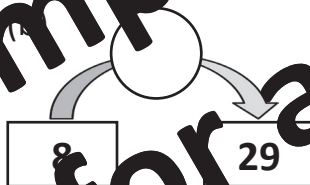
Year
3

(1) Say how big each jump is. Write your answers in the circles.

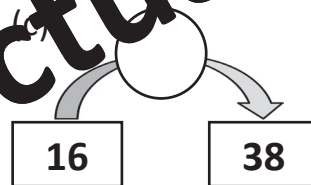
(a)



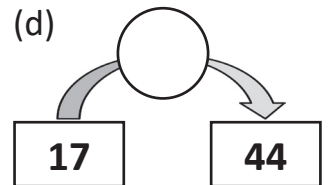
(b)



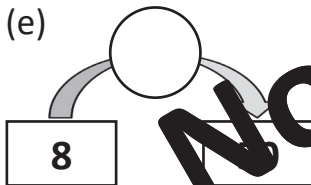
(c)



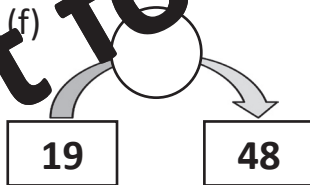
(d)



(e)



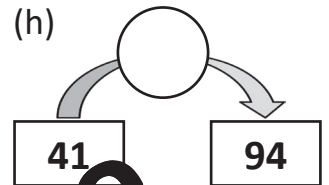
(f)



(g)



(h)



(2) Fill in the missing numbers in each of these addition questions.

(a)

$$\boxed{} + 17 = \boxed{}$$

(b)

$$\boxed{} + 14 = \boxed{33}$$

(c)

$$29 + \boxed{} = \boxed{43}$$

(d)

$$\boxed{} + 24 = \boxed{46}$$

(e)

$$36 + \boxed{} = \boxed{71}$$

(f)

$$29 + \boxed{} = \boxed{64}$$

(g)

$$\boxed{} + \boxed{} = \boxed{83}$$

(h)

$$36 + \boxed{} = \boxed{73}$$

(i)

$$\boxed{} + 43 = \boxed{92}$$

(j)

$$\boxed{} + 65 = \boxed{94}$$

(3) Fill in the missing numbers in each of these subtraction questions.

(a)

$$36 - \boxed{} = \boxed{17}$$

(b)

$$\boxed{} - 23 = \boxed{25}$$

(c)

$$\boxed{} - 22 = \boxed{41}$$

(d)

$$50 - \boxed{} = \boxed{23}$$

(e)

$$76 - \boxed{} = \boxed{34}$$

(f)

$$\boxed{} - 63 = \boxed{19}$$

(g)

$$78 - \boxed{} = \boxed{47}$$

(h)

$$52 - \boxed{} = \boxed{41}$$

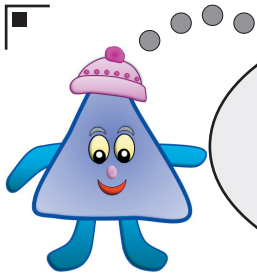
(i)

$$\boxed{} - 52 = \boxed{29}$$

(j)

$$66 - \boxed{} = \boxed{28}$$





Maths Homework
this week is about:

3, 4, and 8
Times Tables

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Multiply or divide each number by 3, as asked.

(a) $5 \times 3 =$ _____

(c) $9 \div 3 =$ _____

(e) $9 \times 3 =$ _____

(g) $4 \times 3 =$ _____

(i) $21 \div 3 =$ _____

(b) $6 \div 3 =$ _____

(d) $8 \times 3 =$ _____

(f) $18 \div 3 =$ _____

(h) $12 \times 3 =$ _____

(j) $36 \div 3 =$ _____

(2) Multiply or divide each number by 4, as asked.

(a) $2 \times 4 =$ _____

(c) $24 \div 4 =$ _____

(e) $5 \times 4 =$ _____

(g) $32 \div 4 =$ _____

(i) $9 \times 4 =$ _____

(b) $4 \times 4 =$ _____

(d) $3 \times 4 =$ _____

(f) $40 \div 4 =$ _____

(h) $28 \div 4 =$ _____

(j) $48 \div 4 =$ _____

(3) Multiply or divide each number by 8, as asked.

(a) $32 \div 8 =$ _____

(c) $7 \times 8 =$ _____

(e) $24 \div 8 =$ _____

(g) $8 \times 8 =$ _____

(i) $96 \div 8 =$ _____

(b) $5 \times 8 =$ _____

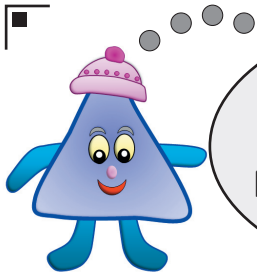
(d) $48 \div 8 =$ _____

(f) $16 \div 8 =$ _____

(h) $9 \times 8 =$ _____

(j) $11 \times 8 =$ _____





Maths Homework
this week is about:

Multiplication Problems

Name: _____

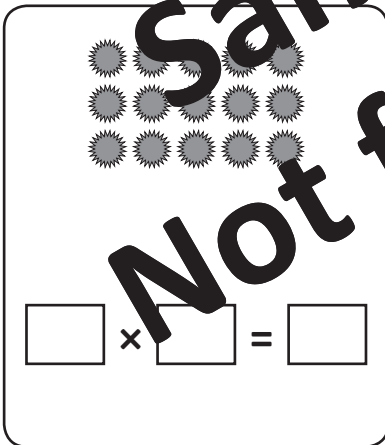
Date: _____

Teacher: _____

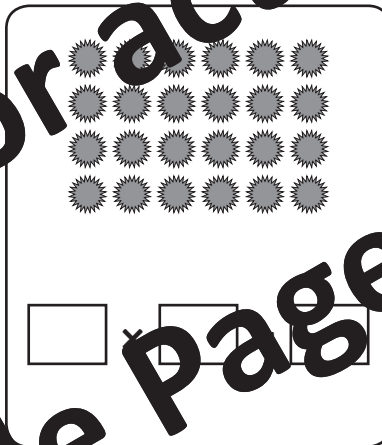
Year
3

- (1) Write a multiplication statement to work out the number of stars in each diagram. Then find the answer to each statement.

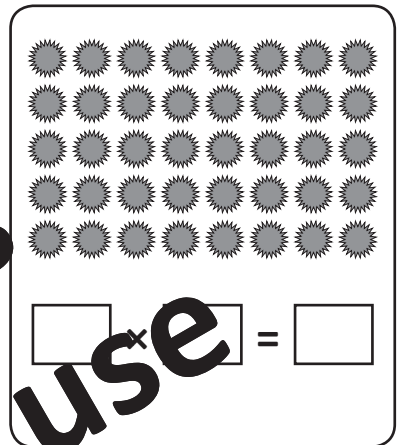
(a)



(b)



(c)



- (2) Multiply the pair of numbers in each traffic light. Write your answer in the bottom light.

(a)



(b)



(c)



(d)



(e)



(f)



- (3) Find the missing numbers in each of these multiplication questions.

(a)

$$\square \times 4 = 28$$

(b)

$$3 \times \square = 21$$

(c)

$$12 \times \square = 96$$

(d)

$$\square \times 8 = 48$$

(e)

$$5 \times \square = 15$$

(f)

$$4 \times \square = 16$$

(g)

$$\square \times 8 = 16$$

(h)

$$\square \times 8 = 24$$

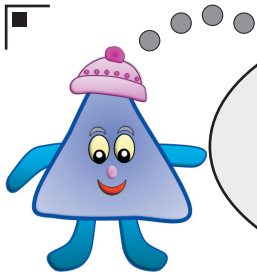
(i)

$$4 \times \square = 44$$

(j)

$$\square \times 8 = 80$$





Maths Homework
this week is about:

Division Problems

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Find the missing numbers in each of these division questions.

- (a) $55 \div \square = 11$ (b) $\square \div 8 = 12$
- (c) $\square \div 3 = 9$ (d) $30 \div \square = 6$
- (e) $56 \div \square = 7$ (f) $\square \div 8 = 8$
- (g) $\square \div 5 = 12$ (h) $21 \div \square = 7$
- (i) $30 \div \square = 10$ (j) $72 \div \square = 9$

(2) Find which number you must divide the first weight by to get the second weight.

- (a) $600 \text{ g} \div \square = 120 \text{ g}$ (b) $450 \text{ g} \div \square = 150 \text{ g}$
- (c) $800 \text{ g} \div \square = 400 \text{ g}$ (d) $720 \text{ g} \div \square = 120 \text{ g}$
- (e) $400 \text{ g} \div \square = 50 \text{ g}$ (f) $960 \text{ g} \div \square = 120 \text{ g}$
- (g) $170 \text{ g} \div \square = 17 \text{ g}$ (h) $320 \text{ g} \div \square = 110 \text{ g}$
- (i) $100 \text{ g} \div \square = 25 \text{ g}$ (j) $560 \text{ g} \div \square = 56 \text{ g}$

(3) 45 sweets were divided equally between 5 children.
How many sweets did each child get?

Sweets

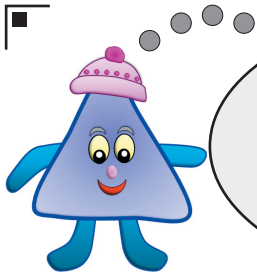
(4) A pupil walked 15 miles in 3 days.
If she walked the same distance each day,
how many miles per day did she walk?

Miles

(5) There were 88 pens in 4 packs.
If each pack had the same number of pens,
how many pens in each one?

Pens





Maths Homework
this week is about:

Introducing Tenths

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Give the answer to each of these division questions as a fraction.

(a)

$$2 \div 10 = \boxed{}$$

(b)

$$8 \div 10 = \boxed{}$$

(c)

$$5 \div 10 = \boxed{}$$

(d)

$$9 \div 10 = \boxed{}$$

(e)

$$6 \div 10 = \boxed{}$$

(f)

$$3 \div 10 = \boxed{}$$

(g)

$$4 \div 10 = \boxed{}$$

(h)

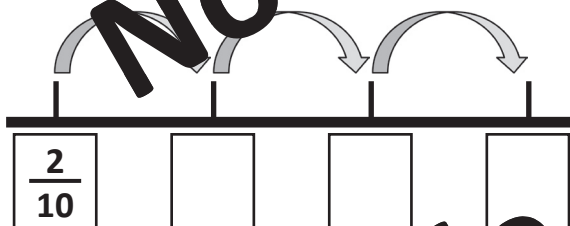
$$1 \div 10 = \boxed{}$$

(i)

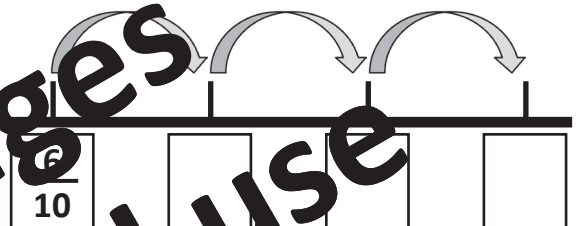
$$7 \div 10 = \boxed{}$$

(2) Count up in tenths from each fraction given.

(a)

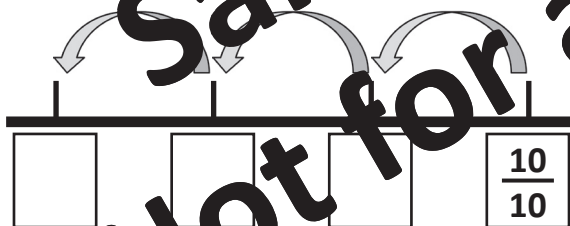


(b)

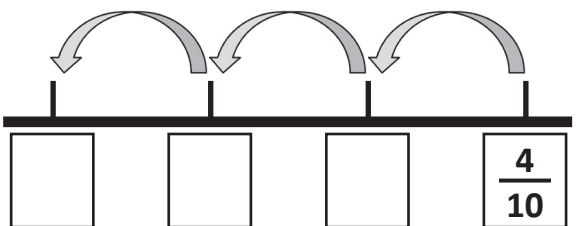


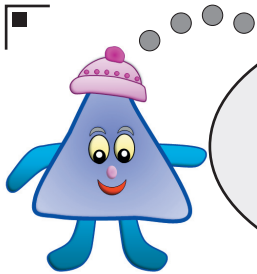
(3) Count down in tenths from each fraction given.

(a)



(b)





Maths Homework
this week is about:

Recognising Tenths

Name: _____

Date: _____

Teacher: _____

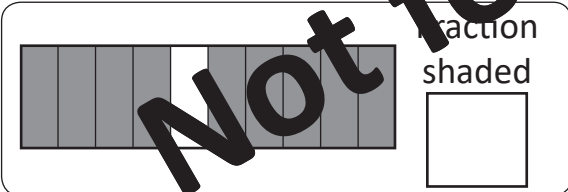
Year
3

For each shape, give the fraction shaded. Write each answer as a fraction over 10.

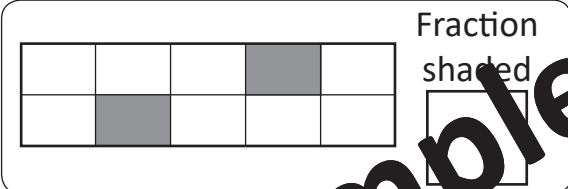
(1)



(3)



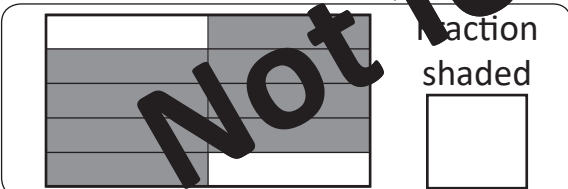
(5)



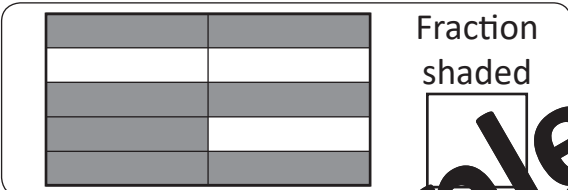
(7)



(9)



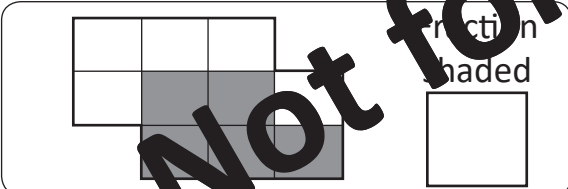
(11)



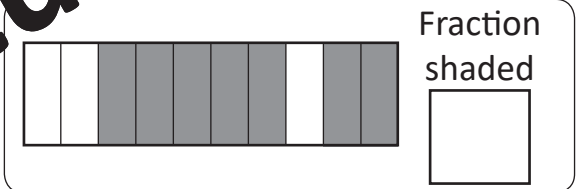
(13)



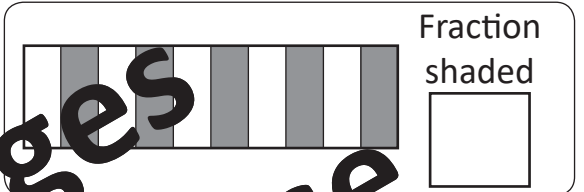
(15)



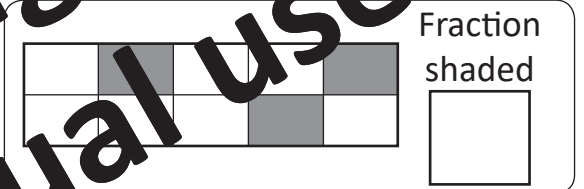
(2)



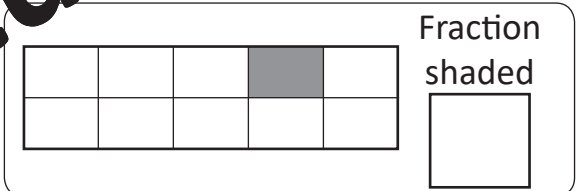
(4)



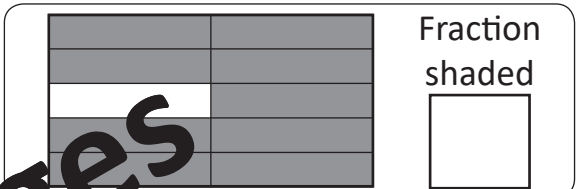
(6)



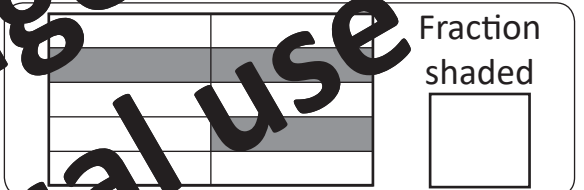
(8)



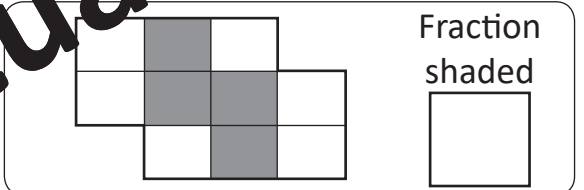
(10)



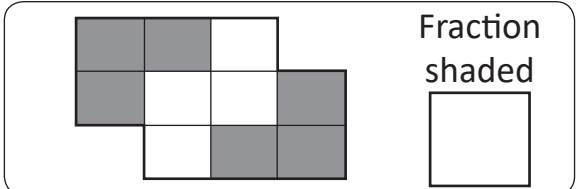
(12)

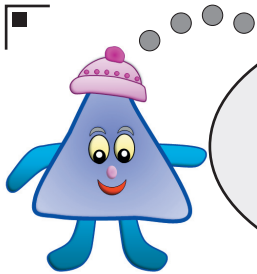


(14)



(16)





Maths Homework
this week is about:
**Writing Fractions of
Amounts**

Name:

Date:

Teacher:

Year
3

For each set of stars, say how many there are. Then find the fraction of the stars asked.

(1)

How many stars?

Find $\frac{2}{3}$

(2)

How many stars?

Find $\frac{1}{4}$

(3)

How many stars?

Find $\frac{2}{5}$

(4)

How many stars?

Find $\frac{1}{6}$

(5)

How many stars?

Find $\frac{1}{8}$

(6)

How many stars?

Find $\frac{1}{9}$

(7)

How many stars?

Find $\frac{2}{5}$

(8)

How many stars?

Find $\frac{2}{5}$

(9)

How many stars?

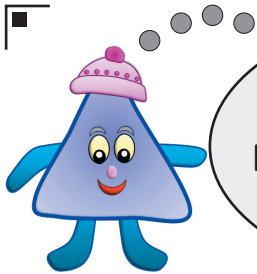
Find $\frac{3}{5}$

(10)

How many stars?

Find $\frac{3}{10}$





Maths Homework
this week is about:

Recognising Fractions as Numbers

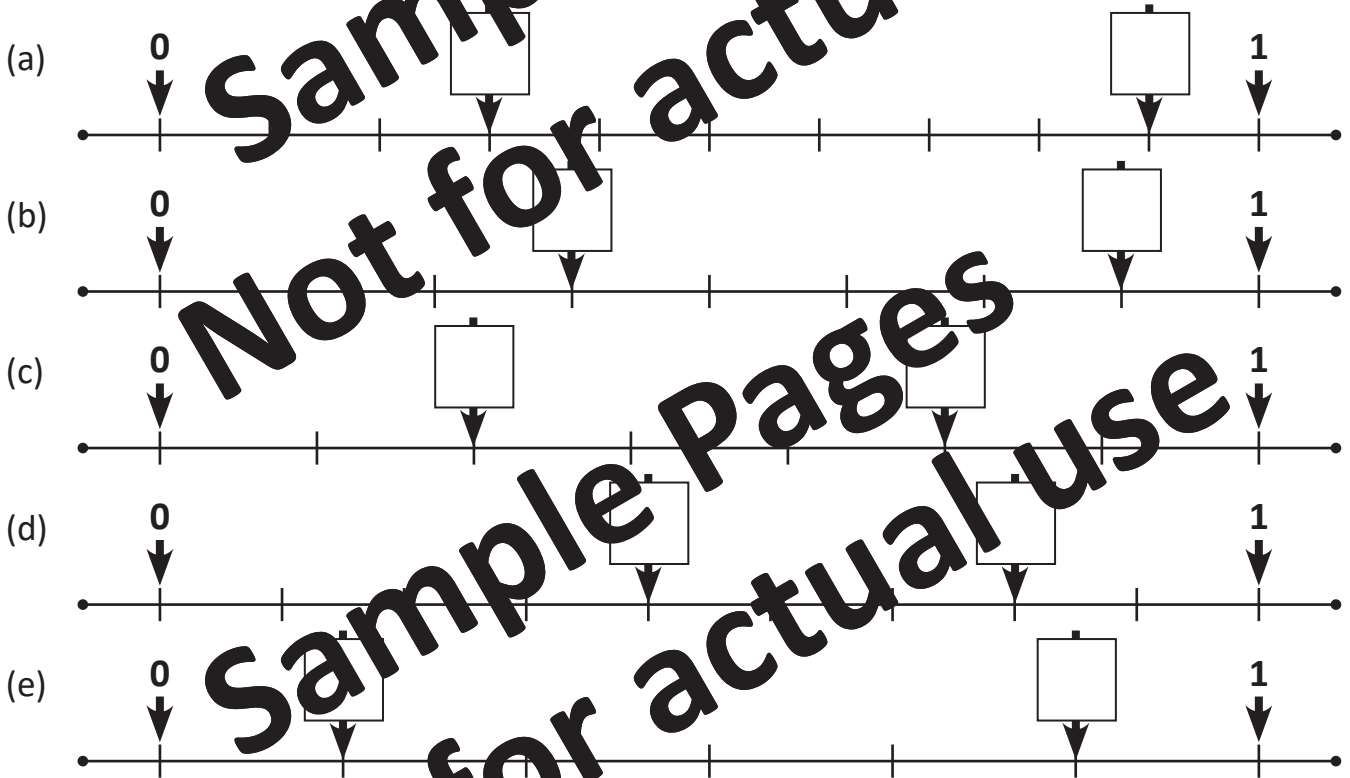
Name: _____

Date: _____

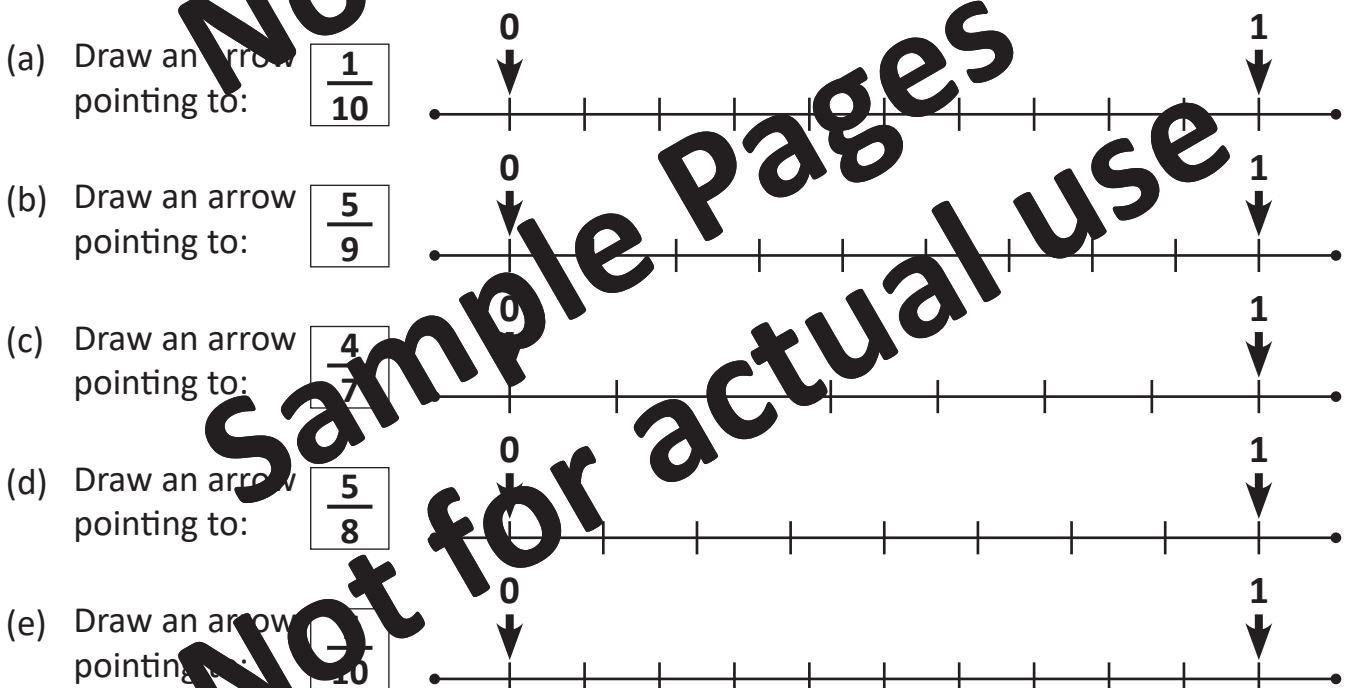
Teacher: _____

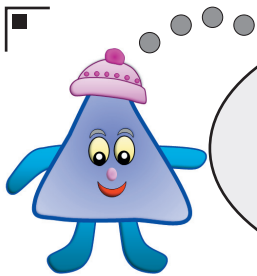
Year
3

(1) Say which fractions the arrows are pointing to on each of these number lines.



(2) On each of these number lines, draw an arrow which points to the fraction given.





Maths Homework
this week is about:

Equivalent Fractions

Name: _____

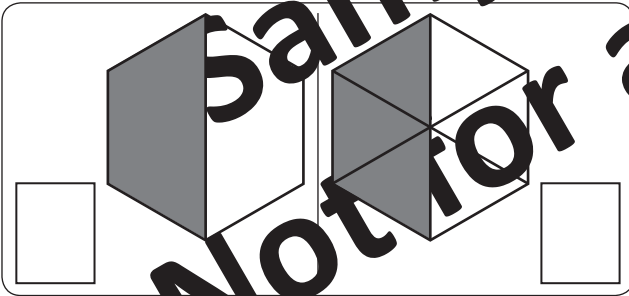
Date: _____

Teacher: _____

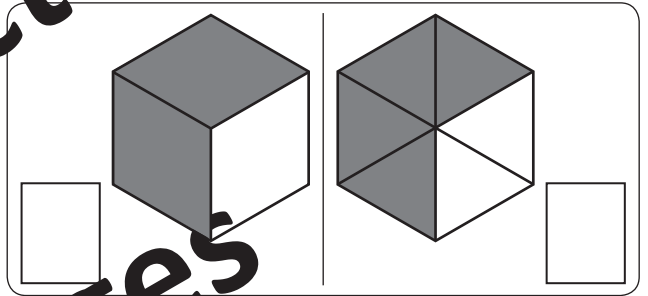
Year
3

Each question shows two equivalent fractions. Say what fraction of each shape is shaded.
(The bottom number of each fraction should be the total number of sections in the shape).

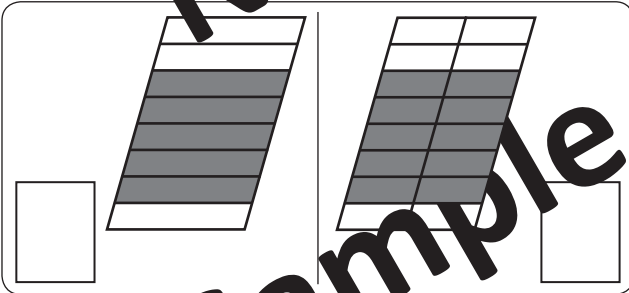
(1)



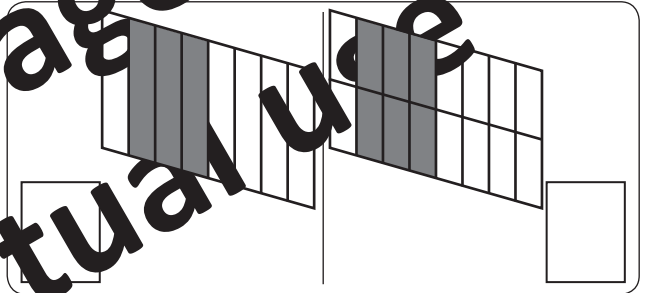
(2)



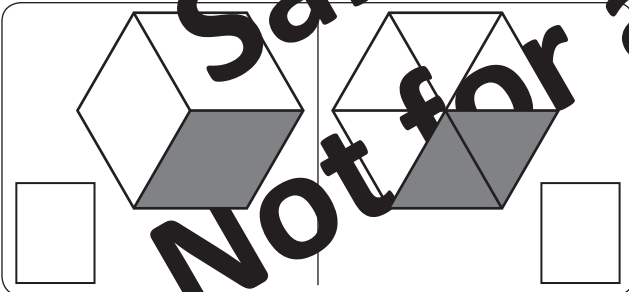
(3)



(4)



(5)



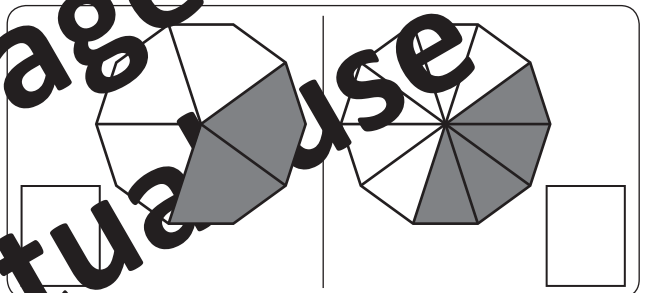
(6)



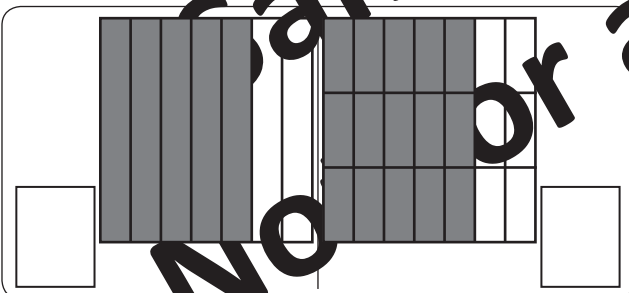
(7)



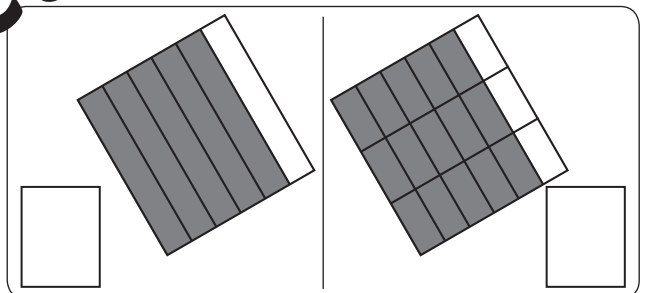
(8)

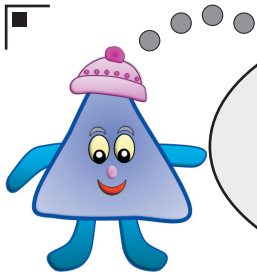


(9)



(10)





Maths Homework
this week is about:

Adding Fractions

Name: _____

Date: _____

Teacher: _____

Year
3

Add each pair of fractions and write your answer in the box.

(1)

$$\frac{1}{5} + \frac{2}{5} = \boxed{}$$

(2)

$$\frac{2}{5} + \frac{2}{5} = \boxed{}$$

(3)

$$\frac{1}{7} + \frac{2}{7} = \boxed{}$$

(4)

$$\frac{1}{8} + \frac{4}{8} = \boxed{}$$

(5)

$$\frac{5}{9} + \frac{2}{9} = \boxed{}$$

(6)

$$\frac{7}{10} + \frac{2}{10} = \boxed{}$$

(7)

$$\frac{3}{12} + \frac{6}{12} = \boxed{}$$

(8)

$$\frac{2}{7} + \frac{3}{7} = \boxed{}$$

(9)

$$\frac{2}{11} + \frac{8}{11} = \boxed{}$$

(10)

$$\frac{2}{12} + \frac{3}{12} = \boxed{}$$

(11)

$$\frac{2}{8} + \frac{5}{8} = \boxed{}$$

(12)

$$\frac{6}{11} + \frac{5}{11} = \boxed{}$$

(13)

$$\frac{4}{7} + \frac{2}{7} = \boxed{}$$

(14)

$$\frac{6}{13} + \frac{3}{13} = \boxed{}$$

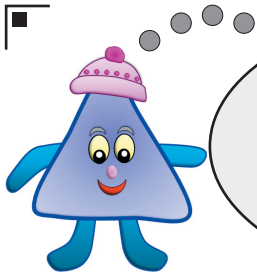
(15)

$$\frac{2}{15} + \frac{11}{15} = \boxed{}$$

(16)

$$\frac{1}{9} + \frac{4}{9} = \boxed{}$$





Maths Homework
this week is about:

Subtracting Fractions

Name: _____

Date: _____

Teacher: _____

Year
3

Subtract each pair of fractions and write your answer in the box.

(1)

$$\frac{2}{3} - \frac{1}{3} = \boxed{}$$

(2)

$$\frac{4}{5} - \frac{1}{5} = \boxed{}$$

(3)

$$\frac{6}{7} - \frac{2}{7} = \boxed{}$$

(4)

$$\frac{7}{8} - \frac{4}{8} = \boxed{}$$

(5)

$$\frac{8}{9} - \frac{6}{9} = \boxed{}$$

(6)

$$\frac{7}{11} - \frac{1}{11} = \boxed{}$$

(7)

$$\frac{9}{12} - \frac{4}{12} = \boxed{}$$

(8)

$$\frac{5}{7} - \frac{1}{7} = \boxed{}$$

(9)

$$\frac{8}{13} - \frac{3}{13} = \boxed{}$$

(10)

$$\frac{11}{15} - \frac{7}{15} = \boxed{}$$

(11)

$$\frac{11}{12} - \frac{6}{13} = \boxed{}$$

(12)

$$\frac{7}{10} - \frac{4}{10} = \boxed{}$$

(13)

$$\frac{6}{8} - \frac{5}{8} = \boxed{}$$

(14)

$$\frac{15}{17} - \frac{9}{17} = \boxed{}$$

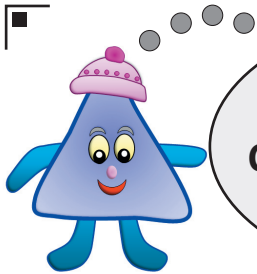
(15)

$$\frac{11}{14} - \frac{2}{14} = \boxed{}$$

(16)

$$\frac{11}{13} - \frac{6}{13} = \boxed{}$$





Maths Homework
this week is about:

Comparing and Ordering Fractions

Name: _____

Date: _____

Teacher: _____

Year
3

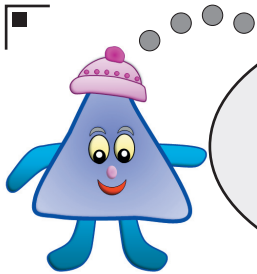
(1) Write **bigger** or **smaller** in the box for each pair of fractions.

- | | |
|--|--|
| (a) $\frac{1}{3}$ is <input type="text"/> than $\frac{1}{2}$ | (b) $\frac{1}{6}$ is <input type="text"/> than $\frac{1}{7}$ |
| (c) $\frac{1}{8}$ is <input type="text"/> than $\frac{1}{9}$ | (d) $\frac{1}{11}$ is <input type="text"/> than $\frac{1}{12}$ |
| (e) $\frac{1}{4}$ is <input type="text"/> than $\frac{1}{3}$ | (f) $\frac{1}{9}$ is <input type="text"/> than $\frac{1}{5}$ |
| (g) $\frac{3}{8}$ is <input type="text"/> than $\frac{5}{8}$ | (h) $\frac{3}{7}$ is <input type="text"/> than $\frac{2}{7}$ |
| (i) $\frac{5}{7}$ is <input type="text"/> than $\frac{5}{7}$ | (j) $\frac{2}{5}$ is <input type="text"/> than $\frac{4}{5}$ |

(2) Put each set of fractions in order from **smallest** to **biggest**.

- | | smallest | biggest |
|---|----------------------|----------------------|
| (a) $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{4}$ | <input type="text"/> | <input type="text"/> |
| (b) $\frac{1}{2}$ $\frac{1}{5}$ $\frac{1}{9}$ | <input type="text"/> | <input type="text"/> |
| (c) $\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{4}$ | <input type="text"/> | <input type="text"/> |
| (d) $\frac{3}{7}$ $\frac{6}{7}$ $\frac{2}{7}$ | <input type="text"/> | <input type="text"/> |
| (e) $\frac{4}{9}$ $\frac{1}{9}$ $\frac{7}{9}$ | <input type="text"/> | <input type="text"/> |
| (f) $\frac{7}{8}$ $\frac{6}{8}$ $\frac{2}{8}$ | <input type="text"/> | <input type="text"/> |





Maths Homework
this week is about:

Finding Fractions

Name: _____

Date: _____

Teacher: _____

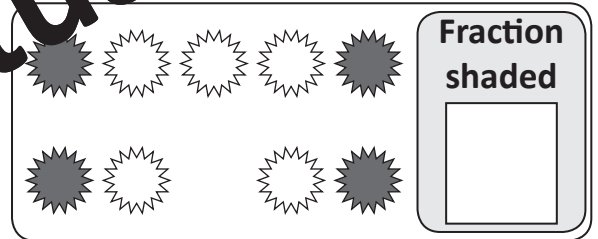
Year
3

For each question, say what fraction of the stars are shaded.

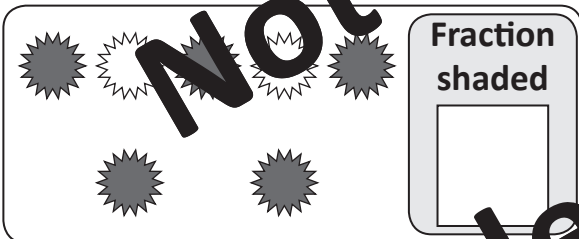
(1)



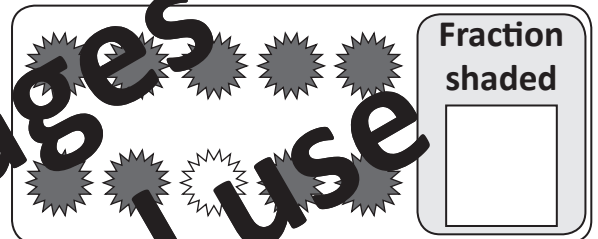
(2)



(3)



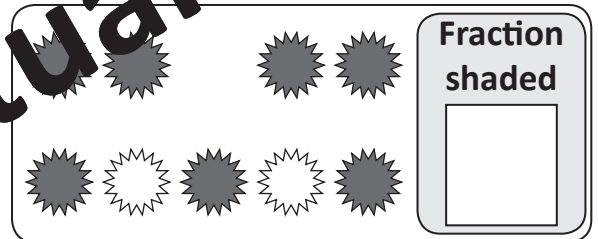
(4)



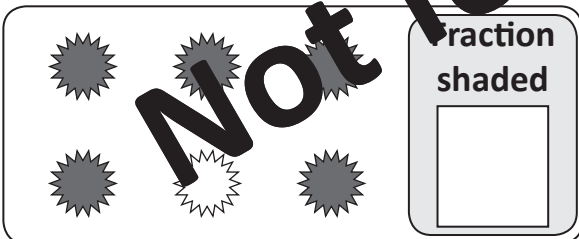
(5)



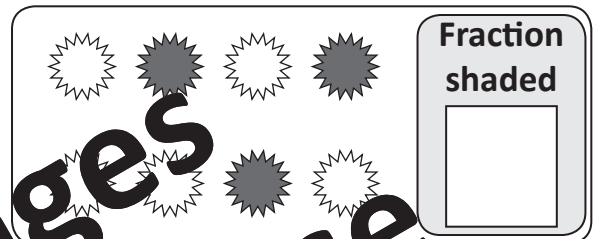
(6)



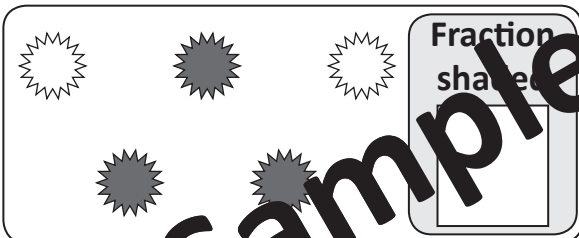
(7)



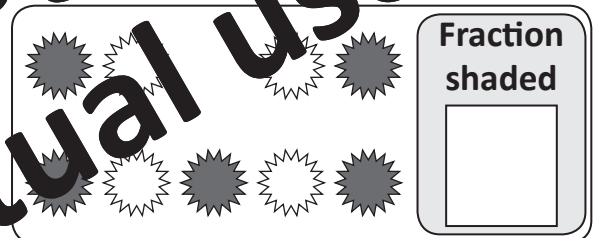
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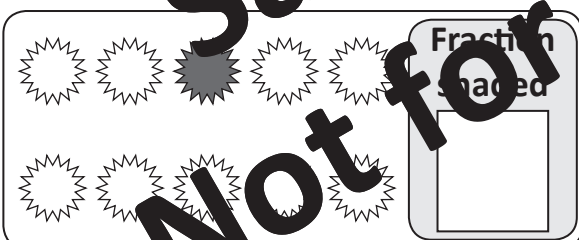
(9)



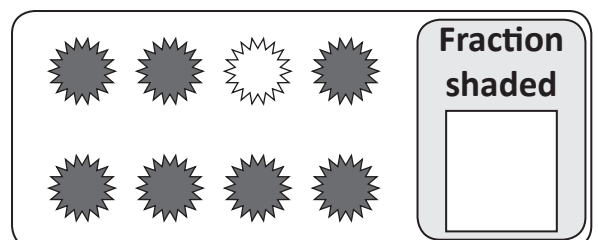
(10)

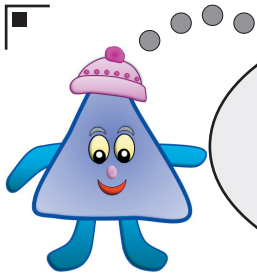


(11)



(12)





Maths Homework
this week is about:

Measuring Lengths

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Measure the length of each line. Write your answers in the boxes.

length of line

- (a) _____ cm
- (b) _____ cm
- (c) _____ cm
- (d) _____ cm
- (e) _____ cm

(2) Measure each pair of lines, in centimetres. Then add your answers together to find the total length of each pair.

length of top line length of bottom line: total length of lines:

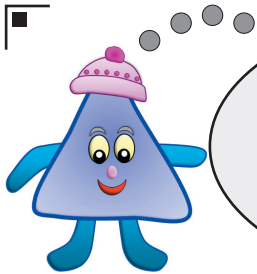
- (a) _____ cm cm cm
- (b) _____ cm cm cm
- (c) _____ cm cm cm
- (d) _____ cm cm cm
- (e) _____ cm cm cm

(3) Measure each pair of lines, in centimetres. Then subtract the smaller number from the larger number to see how much longer the top line is than the bottom line.

length of top line length of bottom line: top line is longer by:

- (a) _____ cm cm cm
- (b) _____ cm cm cm
- (c) _____ cm cm cm
- (d) _____ cm cm cm
- (e) _____ cm cm cm





Maths Homework
this week is about:

**Adding and Subtracting
Masses**

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Add each pair of weights.

(a) $14 \text{ g} + 8 \text{ g} = \text{ } \text{g}$ (b) $12 \text{ kg} + 16 \text{ kg} = \text{ } \text{kg}$

(c) $25 \text{ g} + 17 \text{ g} = \text{ } \text{g}$ (d) $32 \text{ g} + 26 \text{ g} = \text{ } \text{g}$

(e) $31 \text{ kg} + 19 \text{ kg} = \text{ } \text{kg}$ (f) $41 \text{ kg} + 26 \text{ kg} = \text{ } \text{kg}$

(g) $38 \text{ kg} + 47 \text{ kg} = \text{ } \text{kg}$ (h) $33 \text{ g} + 44 \text{ g} = \text{ } \text{g}$

(i) $55 \text{ kg} + 39 \text{ g} = \text{ } \text{g}$ (j) $47 \text{ kg} + 48 \text{ kg} = \text{ } \text{kg}$

(2) Subtract each pair of weights to find how much heavier the heaviest weight is.

(a) $62 \text{ g} - 40 \text{ g} = \text{ } \text{g}$ (b) $89 \text{ kg} - 76 \text{ kg} = \text{ } \text{kg}$

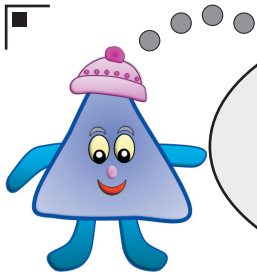
(c) $63 \text{ kg} - 36 \text{ kg} = \text{ } \text{kg}$ (d) $52 \text{ g} - 21 \text{ g} = \text{ } \text{g}$

(e) $78 \text{ g} - 23 \text{ g} = \text{ } \text{g}$ (f) $73 \text{ kg} - 32 \text{ kg} = \text{ } \text{kg}$

(g) $81 \text{ kg} - 19 \text{ kg} = \text{ } \text{kg}$ (h) $97 \text{ kg} - 11 \text{ kg} = \text{ } \text{kg}$

(i) $83 \text{ g} - 44 \text{ g} = \text{ } \text{g}$ (j) $94 \text{ g} - 49 \text{ g} = \text{ } \text{g}$





Maths Homework
this week is about:

**Adding and Subtracting
Volumes**

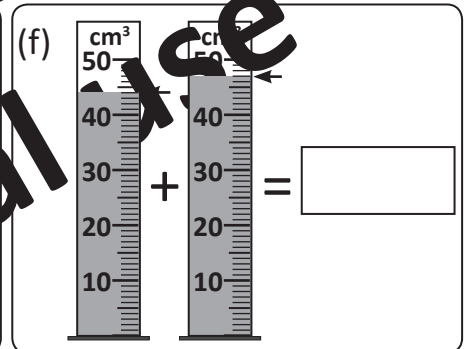
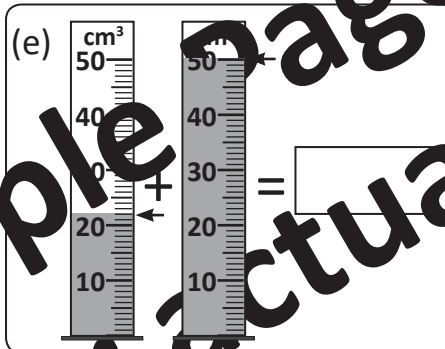
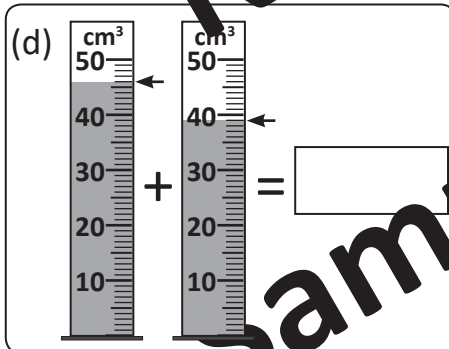
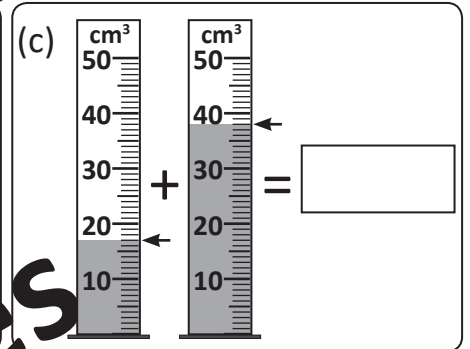
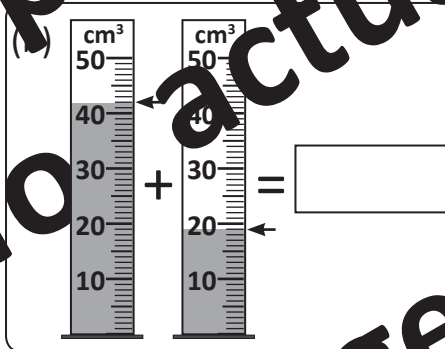
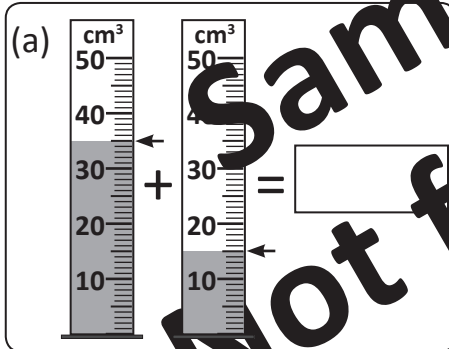
Name: _____

Date: _____

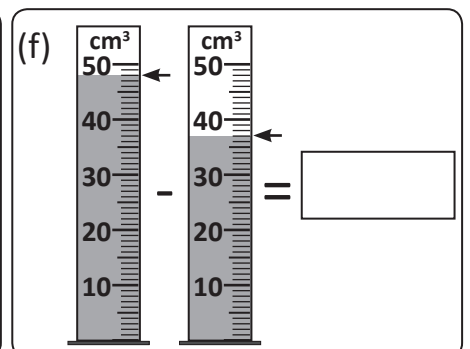
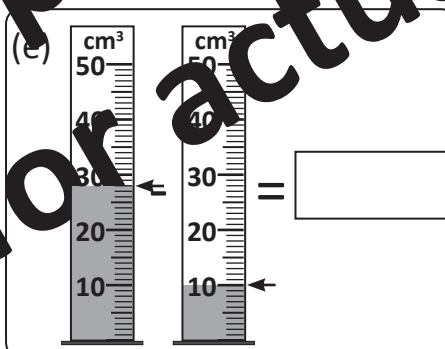
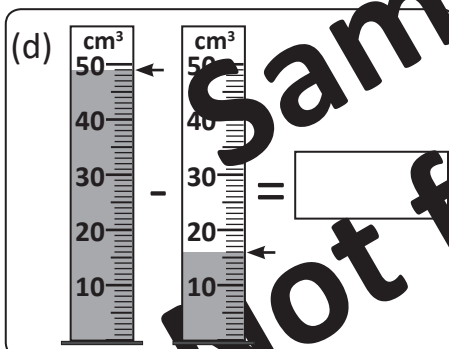
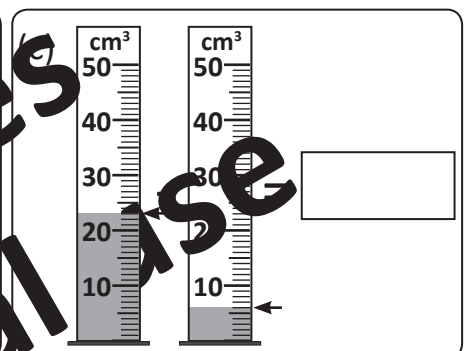
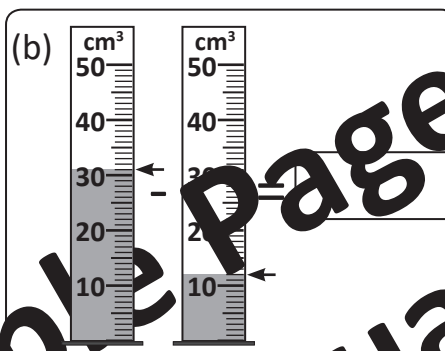
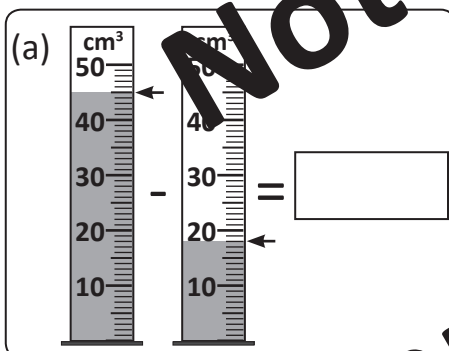
Teacher: _____

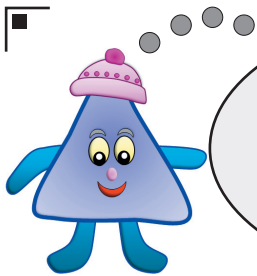
Year
3

(1) Find the total amount of liquid in each pair of measuring cylinders.



(2) Subtract to find how much more liquid there is in the first measuring cylinder than in the second.





Maths Homework
this week is about:

Measuring Perimeters of Shapes

Name: _____

Date: _____

Teacher: _____

Year
3

For each shape, measure each side length in centimetres and write the lengths in the boxes.
Then add the lengths together to find the perimeter of the shape.

(a)



Perimeter

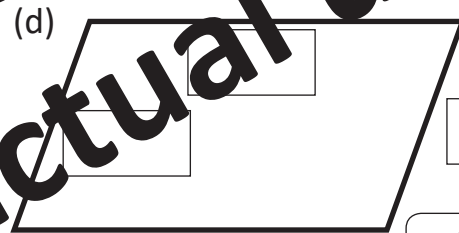


Perimeter

(c)

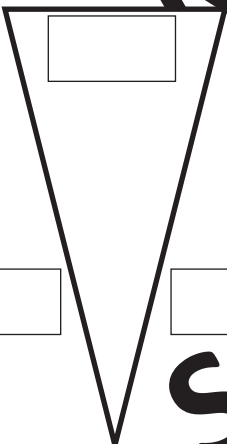


Perimeter



Perimeter

(e)



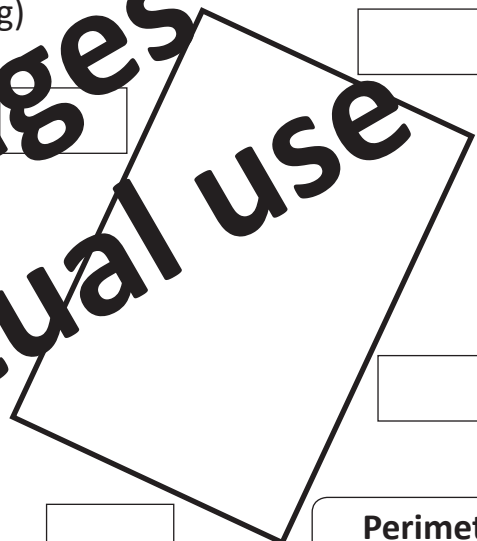
Perimeter

(f)



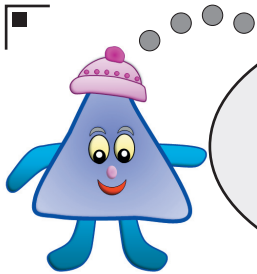
Perimeter

(g)



Perimeter





Maths Homework
this week is about:
**Adding and Subtracting
Money**

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Say how much money there is in each box.

(a)  Total:

(b)  Total:

(c)  Total:

(d)  Total:

(e)  Total:

(f)  Total:

(2) Find how much change you will get from £5 if you spend each of the following amounts.

(a) You spend: **£1.15**
Change from £5:

(b) You spend: **£1.84**
Change from £5:

(c) You spend: **£2.11**
Change from £5:

(d) You spend: **£3.41**
Change from £5:

(e) You spend: **£3.89**
Change from £5:

(f) You spend: **£4.12**
Change from £5:

(3) Find how much change you will get from £10 if you spend each of the following amounts.

(a) You spend: **£1.61**
Change from £10:

(b) You spend: **£3.57**
Change from £10:

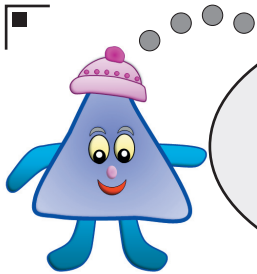
(c) You spend: **£4.70**
Change from £10:

(d) You spend: **£6.93**
Change from £10:

(e) You spend: **£7.38**
Change from £10:

(f) You spend: **£8.14**
Change from £10:





Maths Homework
this week is about:

Reading Time

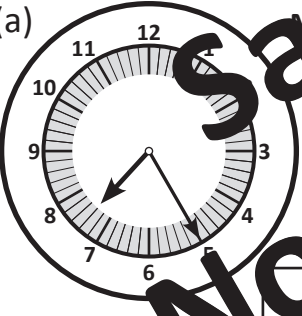
Name: _____


Date: _____

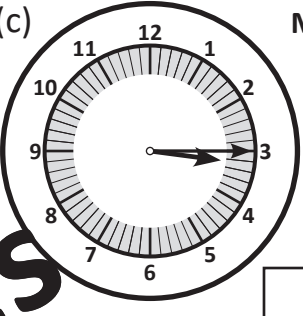
Teacher: _____

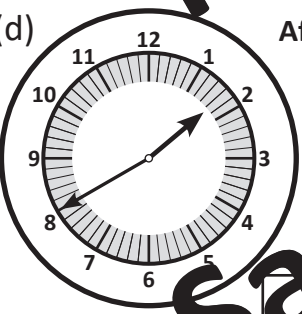
Year
3

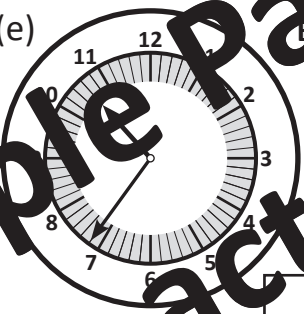
(1) Say what time is shown on each of these clocks as an a.m. or p.m. time.

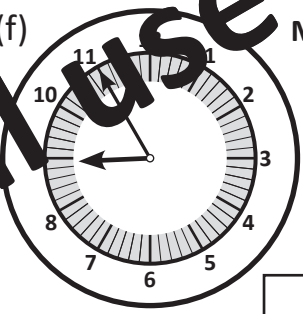
(a) Morning  time:

(b) Evening  time:

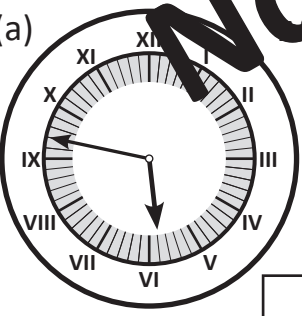
(c) Morning  time:

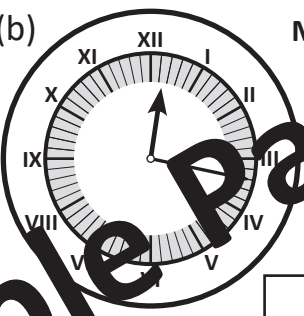
(d) Afternoon  time:

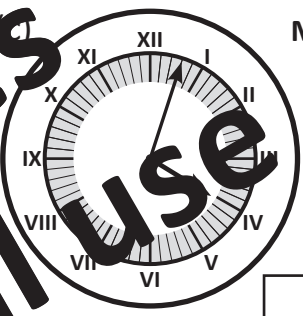
(e) Evening  time:

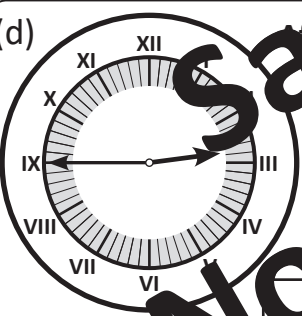
(f) Morning  time:

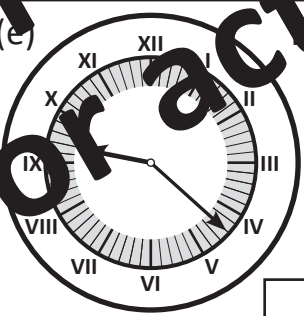
(2) These clocks have Roman numerals.
Say what time is shown on each one as an a.m. or p.m. time.

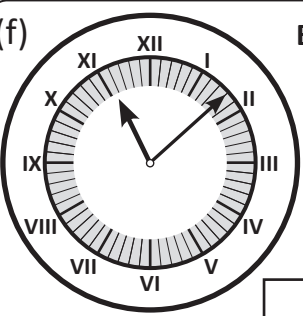
(a) Afternoon  time:

(b) Morning  time:

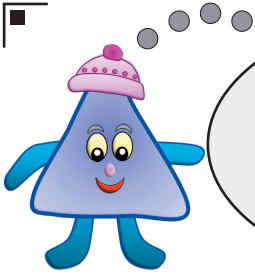
(c) Morning  time:

(d) Afternoon  time:

(e) Morning  time:

(f) Evening  time:





Maths Homework
this week is about:

Time Questions

Name: _____

Date: _____

Teacher: _____

Year
3

- (1) How many seconds are there in two minutes?

- (2) How many days are there in December?

- (3) 35 days is how many weeks?

- (4) 660 seconds is how many minutes?

- (5) 240 seconds is how many minutes?

- (6) 180 minutes is how many hours?

- (7) How many days are there in a year when it is not a leap year?

- (8) Give the number of seconds in five minutes.

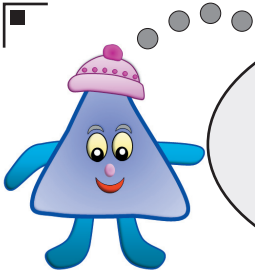
- (9) Give the number of days in April.

- (10) How many days are there in eight weeks?

- (11) How many seconds are there in one and a half minutes?

- (12) How many minutes are there in eight hours?





Maths Homework
this week is about:

2D Shapes

Name: _____

Date: _____

Teacher: _____

Year
3

Draw each of the following shapes as accurately as possible.
Then answer the questions about each one.

(1)

Square

What can you say about the lengths of
all the sides?

(2)

Rectangle

What is the size of each angle
in this shape?

(3)

Equilateral Triangle

What is the size of each angle
in this shape?

(4)

Scalene Triangle

What can you say about the lengths of
the sides?

(5)

Rhombus

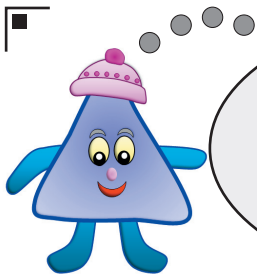
What can you say about the lengths of
the sides?

(6)

Parallelogram

What can you say about the lengths of
opposite (parallel) sides?





Maths Homework
this week is about:

Recognising Angles

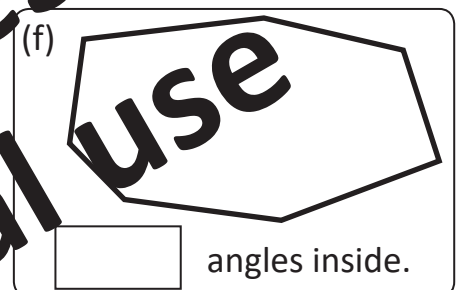
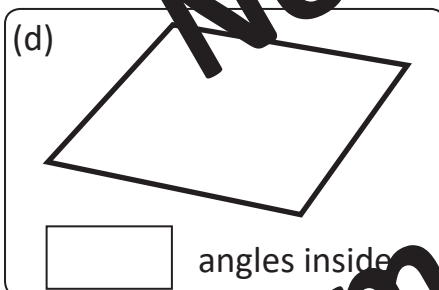
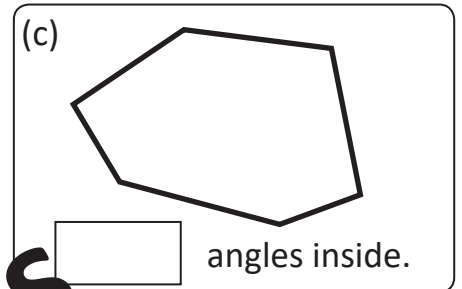
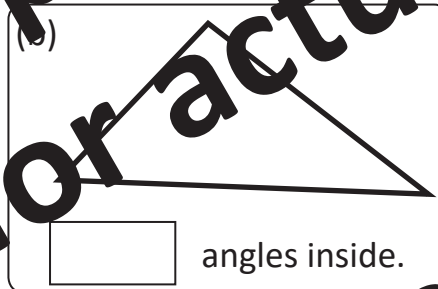
Name: _____

Date: _____

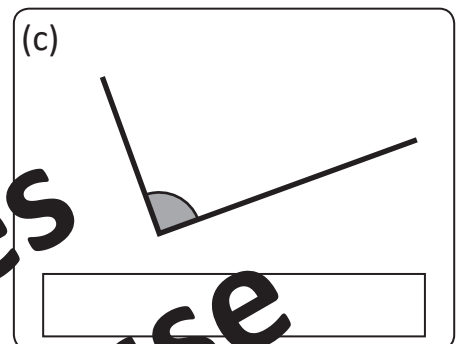
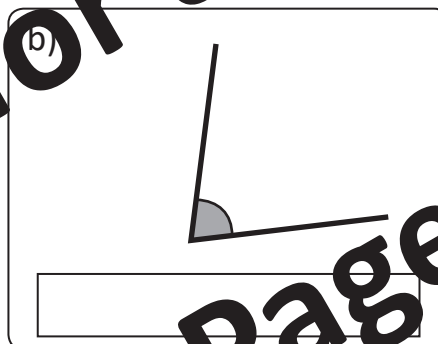
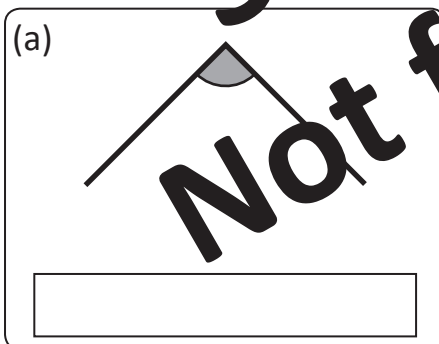
Teacher: _____

Year
3

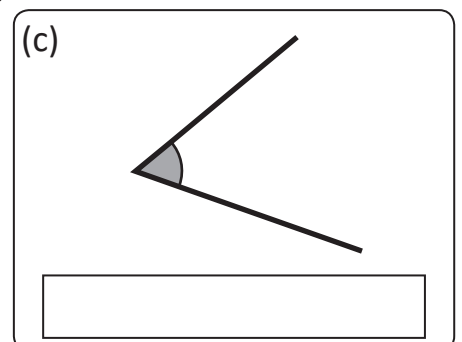
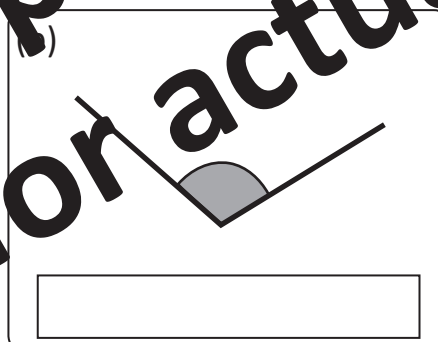
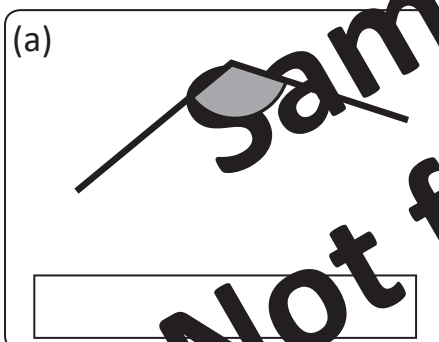
- (1) Say how many angles there are inside each of these shapes. Put a cross in each angle.

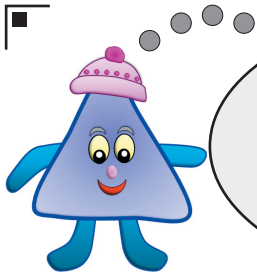


- (2) Write **Yes** or **No** in each box to say whether each of these angles is a right angle or not.



- (3) Write **More** or **Less** in each box to say whether each of these angles more or less than a right angle.





Maths Homework
this week is about:

Lines

Name: _____

Date: _____

Teacher: _____

Year
3

For each question put a circle around the correct word or words which describe the lines.

(1)



Horizontal
Vertical
Parallel
Perpendicular
None of these

(2)



Horizontal
Vertical
Parallel
Perpendicular
None of these

(3)



Horizontal
Vertical
Parallel
Perpendicular
None of these

(4)



Horizontal
Vertical
Parallel
Perpendicular
None of these

(5)



Horizontal
Vertical
Parallel
Perpendicular
None of these

(6)



Horizontal
Vertical
Parallel
Perpendicular
None of these

(7)



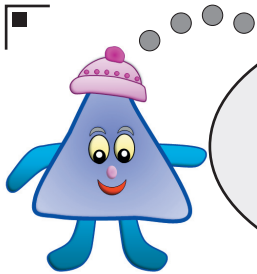
Horizontal
Vertical
Parallel
Perpendicular
None of these

(8)



Horizontal
Vertical
Parallel
Perpendicular
None of these





Maths Homework
this week is about:

Drawing Pictograms

Name: _____

Date: _____

Teacher: _____

Year
3

(1) Complete the pictogram to show the number of DVDs watched by four people last week.

Person	Number of DVDs watched
Ruth	4
Ali	8
Keith	2
Saima	9

Ruth



Ali

Keith

Saima

KEY



= 1 DVD watched

(2) Complete the pictogram to show how many merits some pupils achieved one month.

Pupil	Number of merits
James	16
Arthur	10
Sarah	4
Vicky	17

James



Arthur

Sarah

Vicky

KEY



= 2 merits

(3) Draw a pictogram to show how many pints of milk were used by four families one month.

Family	Number of pints used
Watson	14
Edgar	30
Khan	48
Lee	20

Watson

Edgar

Khan

Lee

KEY



= 4 pints used



*Maths Homework
this week is about:*

Interpreting Pictograms

Name:

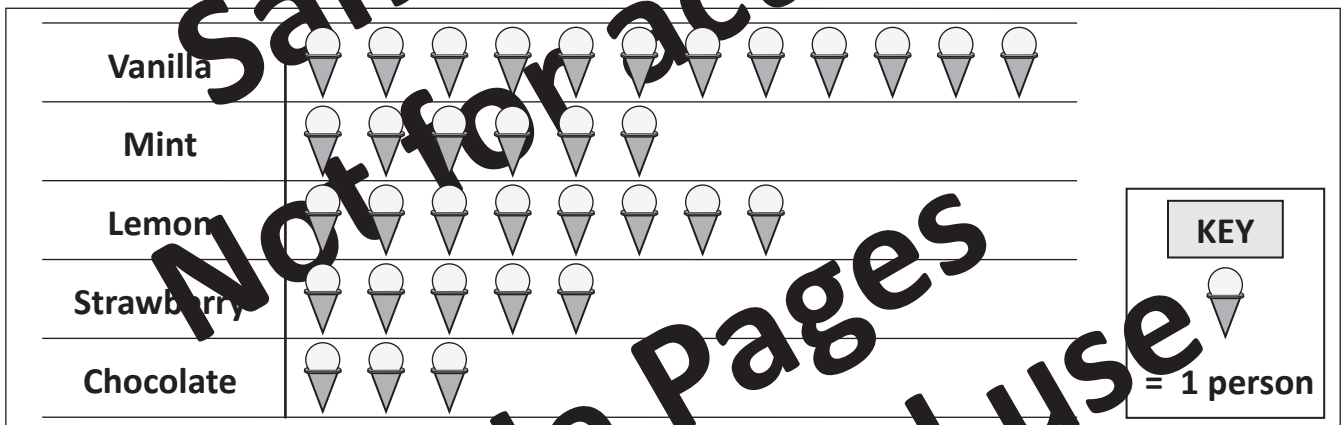
Date:

Teache

Year
3

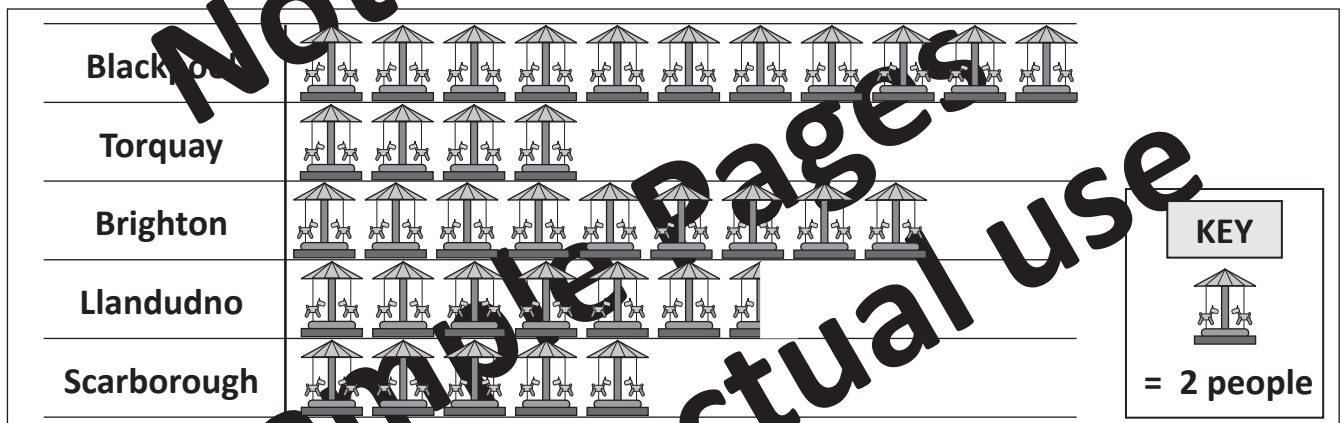
Answer the questions about each pictogram.

- (1) Pictogram to show the favourite cream flavours of a group of people.



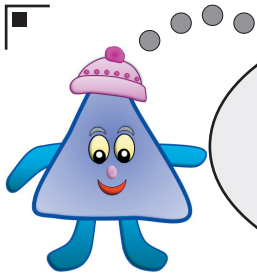
- (a) How many people chose Lemon as their favourite flavour?
- (b) Which flavour was chosen by 12 people?
- (c) Chocolate is the favourite flavour of how many people?
- (d) How many more people prefer Mint than Strawberry?
- (e) How many less people prefer Chocolate than Vanilla?

- (2) Pictogram to show the favourite seaside resorts for a group of pupils.



- (a) How many pupils' favourite resort is Scarborough?
- (b) Which resort is the favourite of exactly 18 pupils?
- (c) Llandudno is the favourite resort of how many pupils?
- (d) How many more pupils prefer Blackpool than Torquay?
- (e) How many less people prefer Scarborough than Brighton?





Maths Homework
this week is about:

Drawing Bar Charts

Name: _____

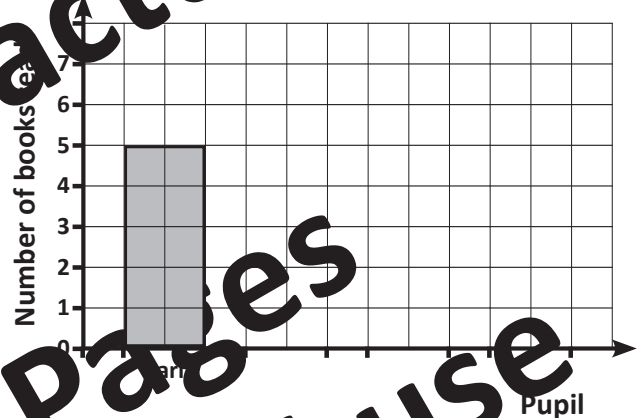
Date: _____

Teacher: _____

Year
3

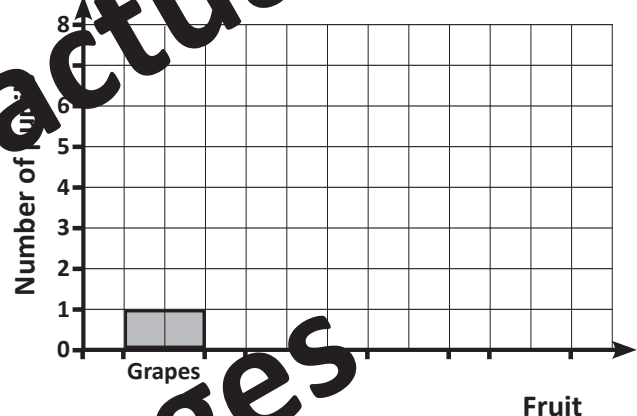
- (1) Complete the bar chart to show the number of books read by four pupils in a class last month.

Pupil	Number of books read
Carl	5
Emily	4
Sasha	3
Tom	6



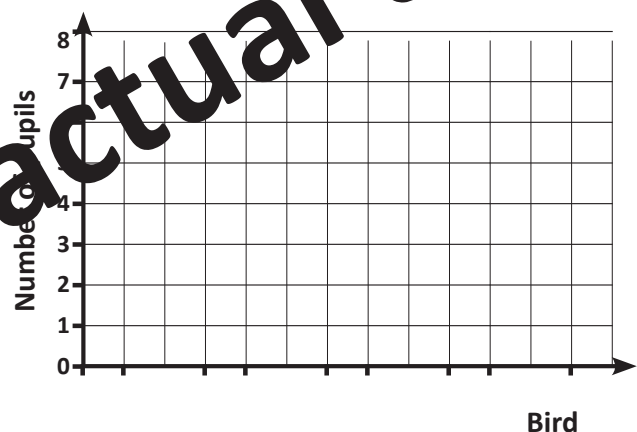
- (2) Complete the bar chart to show which fruits pupils ate at school for a snack one day.

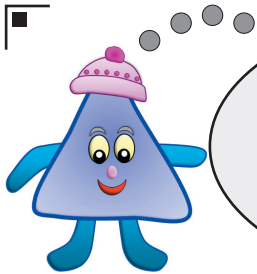
Fruit	Number of pupils
Grapes	1
Apple	4
Pear	5
Banana	8



- (3) Some pupils were asked their favourite bird after a visit to a bird sanctuary. Their answers are in the table below. Draw a bar chart to show their favourites.

Bird	Number of pupils
Barn Owl	7
Eagle	2
Kestrel	5
Tawny Owl	3





Maths Homework
this week is about:

Interpreting Bar Charts

Name: _____

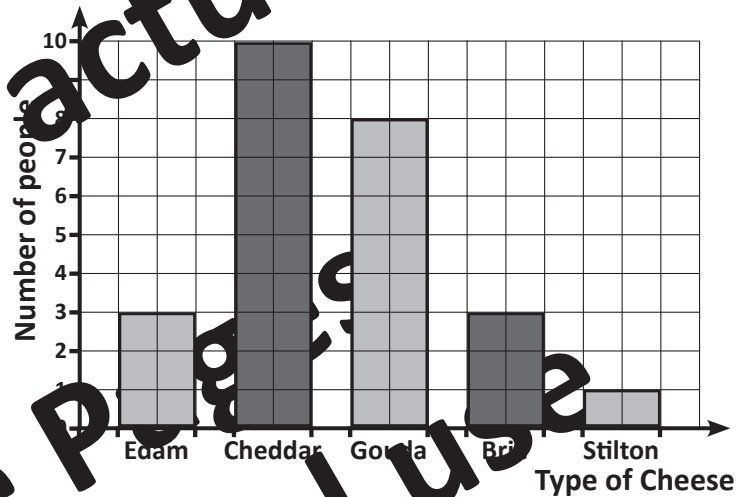
Date: _____

Teacher: _____

Year
3

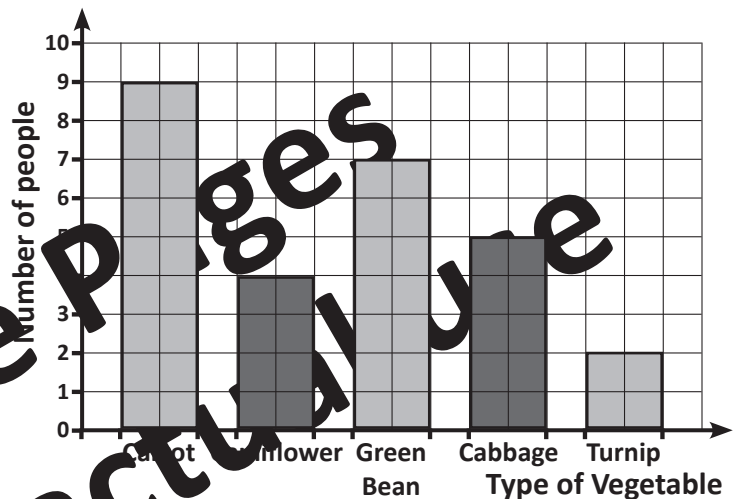
Answer the questions about each bar chart.

- (1) Bar chart to show the favourite types of cheese of a group of people.



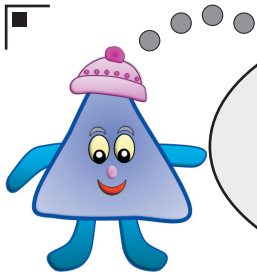
- (a) Which is the most popular type of cheese?
 (b) Which cheese is as equally popular as Edam?
 (c) How many people prefer Gouda?
 (d) How many people chose the least popular type of cheese?
 (e) How many more people prefer Cheddar than Edam?

- (2) Bar chart to show the favourite vegetables for a group of people.



- (a) Which is the least popular vegetable?
 (b) How many people prefer Green Beans?
 (c) Which vegetable did exactly four people choose?
 (d) How many people chose the most popular vegetable?
 (e) How many more people prefer Cabbage than Turnip?





Maths Homework
this week is about:

Information in Tables

Name: _____

Date: _____

Teacher: _____

Year
3

This table gives the number of different types of sweets in a large box.

Use the table to answer the questions below.

Type of Sweet	Number
Chocolate Block	36
Orange Creme	18
Mint Creme	21
Hazelnut Caramel	9
Almond Chocolate	24
Lemon Creme	17
Butter Fudge	33
Marzipan Chunk	14
Toffee Triangle	45
Chocolate Toffee	29

- (1) How many Almond Chocolates are there?

- (2) There are exactly 33 of which type of chocolate?

- (3) There are 22 more Chocolate Toffees than which other type of sweet?

- (5) How many Toffee Triangles are there?

- (7) There are exactly 18 of which type of sweet?

- (9) How many fewer Lemon Cremes than Chocolate Toffees are there?

- (4) How many more Mint Cremes than Lemon Cremes are there?

- (6) How many fewer Marzipan Chunks than Chocolate Blocks are there?

- (8) How many more Toffee Triangles than Almond Chocolates are there?

- (10) There are 22 more Chocolate Blocks than which type of sweet?



Maths Topics

Homework Sheets

for Year 3

by
Brian Taylor

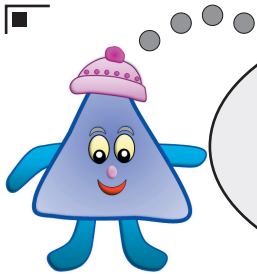
40 Single-sided
Fill-in Sheets

Full Answers
Included

Sample pages
Not for actual use
Sample pages
Not for actual use
Answers

2021 Edition





Maths Homework
this week is about:

Counting in Multiples

Answers

Date:

Teacher:

Year
3

(1) For each question, write your answers in the boxes below:

(a) Count up in multiples of 4.

0	4	8	12	16	20	24	28
---	---	---	----	----	----	----	----

(b) Count up in multiples of 8.

0	8	16	24	32	40	48	56
---	---	----	----	----	----	----	----

(c) Count up in multiples of 50.

0	50	100	150	200	250	300	350
---	----	-----	-----	-----	-----	-----	-----

(d) Count up in multiples of 100.

0	100	200	300	400	500	600	700
---	-----	-----	-----	-----	-----	-----	-----

(2) Find the next three multiples of 4.

20	24	28	32	36	40
----	----	----	----	----	----

(3) Find the next three multiples of 8.

56	64	72	80
----	----	----	----

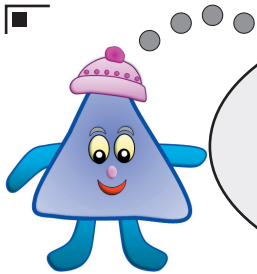
(4) Find the next three multiples of 50.

350	400	450	500
-----	-----	-----	-----

(5) Find the next three multiples of 100.

700	800	900	1000
-----	-----	-----	------





Maths Homework
this week is about:

Finding 10 or 100
More, or Less

Answers

Date:

Teacher:

Year
3

(1) Add 10 to each number.

(a) $19 \xrightarrow{+10} 29$ (b) $47 \xrightarrow{+10} 57$ (c) $83 \xrightarrow{+10} 93$

(d) $253 \xrightarrow{+10} 263$ (e) $461 \xrightarrow{+10} 471$ (f) $694 \xrightarrow{+10} 704$

(2) Subtract 10 from each number.

(a) $38 \xleftarrow{-10} 48$ (b) $12 \xleftarrow{-10} 23$ (c) $75 \xleftarrow{-10} 85$

(d) $194 \xleftarrow{-10} 204$ (e) $457 \xleftarrow{-10} 467$ (f) $722 \xleftarrow{-10} 732$

(3) Add 100 to each number.

(a) $147 \xrightarrow{+100} 247$ (b) $485 \xrightarrow{+100} 585$ (c) $826 \xrightarrow{+100} 926$

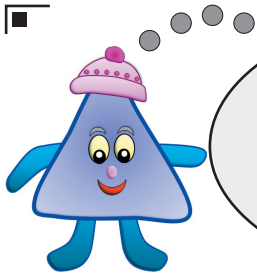
(d) $1637 \xrightarrow{+100} 1737$ (e) $2341 \xrightarrow{+100} 2441$ (f) $4983 \xrightarrow{+100} 5083$

(4) Subtract 100 from each number.

(a) $217 \xleftarrow{-100} 317$ (b) $581 \xleftarrow{-100} 681$ (c) $928 \xleftarrow{-100} 1028$

(d) $1434 \xleftarrow{-100} 1534$ (e) $2135 \xleftarrow{-100} 2235$ (f) $3409 \xleftarrow{-100} 3509$





Maths Homework
this week is about:

Place Value

Answers

Date:

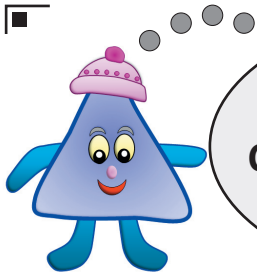
Teacher:

Year
3

For each number, give the value of the digit indicated, both in words, and using digits.

- (eg) $\begin{array}{c} \downarrow \\ 3 \ 4 \ 2 \\ \uparrow \\ \text{four tens} \\ 40 \end{array}$
- (1) $\begin{array}{c} \downarrow \\ 7 \ 4 \ 6 \\ \uparrow \\ \text{seven hundreds} \\ 700 \end{array}$
- (2) $\begin{array}{c} \downarrow \\ 8 \ 0 \ 6 \\ \uparrow \\ \text{six units} \\ 6 \end{array}$
- (3) $\begin{array}{c} \downarrow \\ 9 \ 3 \ 1 \\ \uparrow \\ \text{one unit} \\ 1 \end{array}$
- (4) $\begin{array}{c} \downarrow \\ 2 \ 9 \ 2 \\ \uparrow \\ \text{nine tens} \\ 90 \end{array}$
- (5) $\begin{array}{c} \downarrow \\ 8 \ 6 \ 9 \\ \uparrow \\ \text{eight hundreds} \\ 800 \end{array}$
- (6) $\begin{array}{c} \downarrow \\ 5 \ 7 \ 8 \\ \uparrow \\ \text{seven tens} \\ 70 \end{array}$
- (7) $\begin{array}{c} \downarrow \\ 4 \ 2 \ 3 \\ \uparrow \\ \text{three units} \\ 3 \end{array}$
- (8) $\begin{array}{c} \downarrow \\ 5 \ 8 \ 1 \\ \uparrow \\ \text{five hundreds} \\ 500 \end{array}$
- (9) $\begin{array}{c} \downarrow \\ 9 \ 1 \ 2 \\ \uparrow \\ \text{nine hundreds} \\ 900 \end{array}$
- (10) $\begin{array}{c} \downarrow \\ 2 \ 5 \ 7 \\ \uparrow \\ \text{two hundreds} \\ 200 \end{array}$
- (11) $\begin{array}{c} \downarrow \\ 8 \ 2 \ 4 \\ \uparrow \\ \text{two tens} \\ 20 \end{array}$
- (12) $\begin{array}{c} \downarrow \\ 3 \ 5 \ 6 \\ \uparrow \\ \text{five tens} \\ 50 \end{array}$
- (13) $\begin{array}{c} \downarrow \\ 4 \ 2 \ 3 \\ \uparrow \\ \text{four hundreds} \\ 400 \end{array}$
- (14) $\begin{array}{c} \downarrow \\ 2 \ 9 \ 8 \\ \uparrow \\ \text{eight units} \\ 8 \end{array}$
- (15) $\begin{array}{c} \downarrow \\ 8 \ 3 \ 4 \\ \uparrow \\ \text{four units} \\ 4 \end{array}$
- (16) $\begin{array}{c} \downarrow \\ 7 \ 6 \ 0 \\ \uparrow \\ \text{six tens} \\ 60 \end{array}$
- (17) $\begin{array}{c} \downarrow \\ 1 \ 4 \ 2 \\ \uparrow \\ \text{two units} \\ 2 \end{array}$
- (18) $\begin{array}{c} \downarrow \\ 6 \ 0 \ 4 \\ \uparrow \\ \text{six hundreds} \\ 600 \end{array}$
- (19) $\begin{array}{c} \downarrow \\ 1 \ 5 \ 7 \\ \uparrow \\ \text{seven units} \\ 7 \end{array}$
- (20) $\begin{array}{c} \downarrow \\ 6 \ 3 \ 5 \\ \uparrow \\ \text{three tens} \\ 30 \end{array}$





Maths Homework
this week is about:

Comparing and Ordering Numbers

Answers

Date:

Teacher:

Year
3

(1) Put each set of numbers in order from lowest to highest

(a) In order: 14, 17, 18, 19

(b) In order: 22, 24, 27, 29

(c) In order: 51, 53, 56, 59

(d) In order: 81, 82, 84, 88

(e) In order: 23, 41, 58, 62

(f) In order: 33, 41, 65, 72

(g) In order: 171, 176, 180, 182

(h) In order: 248, 256, 275, 293

(i) In order: 306, 317, 398, 399

(j) In order: 147, 158, 345, 359

(k) In order: 379, 482, 693, 724

(l) In order: 196, 374, 523, 789

(2) Draw a circle around the biggest number in each question.

(a) 37, 29, 19, 46 (46 circled)

(b) 81, 21, 42, 63 (81 circled)

(c) 29, 183, 46, 61 (183 circled)

(d) 91, 76, 59, 95 (95 circled)

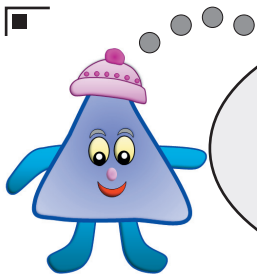
(e) 146, 395, 237, 419 (419 circled)

(f) 529, 73, 686, 321 (73 circled)

(g) 463, 436, 364, 346 (463 circled)

(h) 809, 729, 384, 814 (814 circled)





Maths Homework
this week is about:

Representing and Estimating Numbers

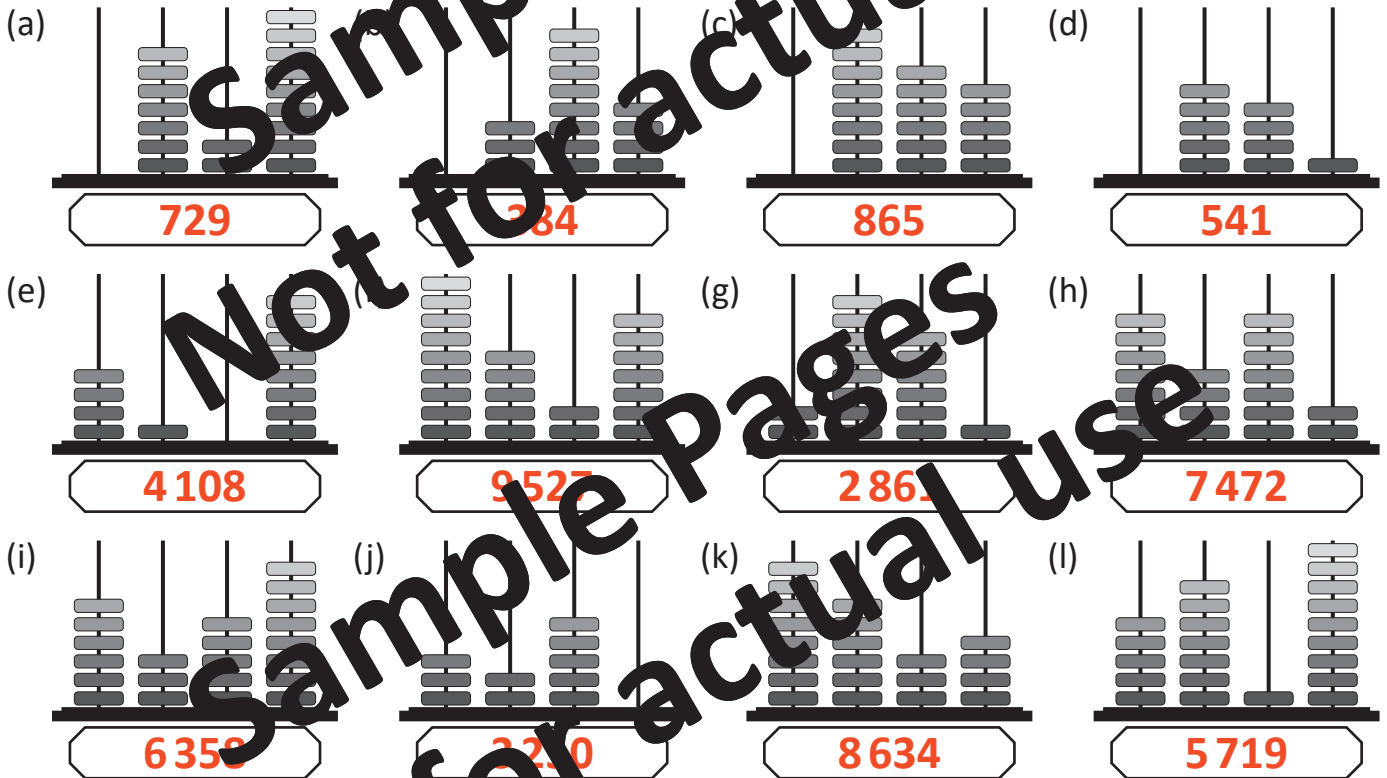
Answers

Date:

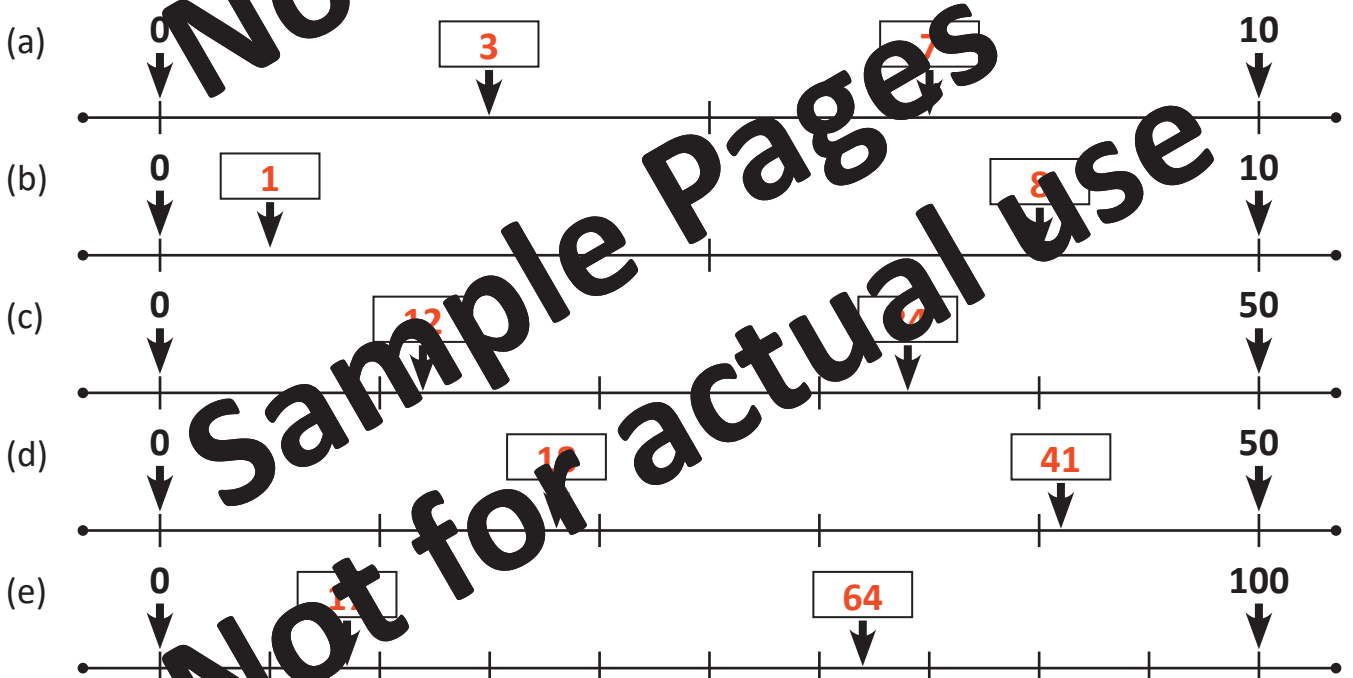
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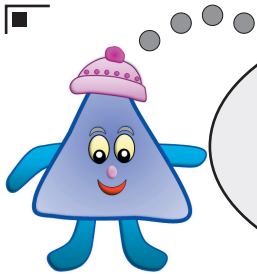
Year
3

(1) Say which number is shown on each abacus.



(2) Estimate which whole numbers the arrows are pointing to on each of these number lines.





Maths Homework
this week is about:

Reading and Writing Numbers

Answers

Date:

Teacher:

Year
3

(1) Write each of these numbers in figures. Write each answer in the box.

(a) Twenty Seven
27

(c) Two hundred and forty eight
248

(e) Five hundred and thirteen
513

(g) Seven hundred and twenty one
721

(i) One hundred and ninety nine
199

(b) Fifty Six
56

(d) Eight hundred and thirty eight
838

(f) Nine hundred and seventy six
976

(h) Three hundred and forty five
345

(j) Six hundred and fifty two
652

(2) Write each of these words in figures. Write each answer on the sign.

(a) Thirty nine
39

(c) One hundred and seventy one
171

(e) Three hundred and ninety three
393

(g) Two hundred and seventeen
217

(i) Nine hundred and thirty five
935

(b) Ninety two
92

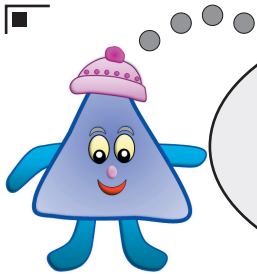
(d) Four hundred and twenty six
426

(f) Five hundred and seventy two
572

(h) Six hundred and fifty
650

(j) Eight hundred and eighty eight
888





Maths Homework
this week is about:
**Solving
Number Problems**

Answers

Date:

Teacher:

Year
3

(1) For each set of signs, draw a ring around the sign which contains a multiple of 4.

(a) 10, 12, 14 (12 is circled)
(b) 8, 6, 10 (8 is circled)
(c) 30, 32, 34 (32 is circled)
(d) 38, 39, 40 (40 is circled)
(e) 22, 24, 26 (24 is circled)
(f) 44, 45, 46 (44 is circled)

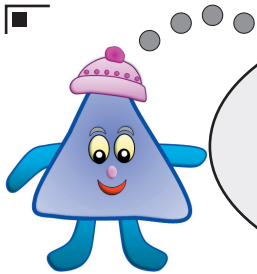
(2) For each set of signs, draw a ring around the sign which contains a multiple of 8.

(a) 12, 14, 16 (16 is circled)
(b) 38, 40, 42 (40 is circled)
(c) 24, 26, 28 (24 is circled)
(d) 30, 32, 34 (32 is circled)
(e) 56, 58, 60 (56 is circled)
(f) 68, 70, 72 (72 is circled)

(3) In each question, use all the digits once each to make the largest number you can.

(a) Digits: 3, 6, 9, 1. Largest number: 9631
(b) Digits: 1, 2, 3, 5. Largest number: 5321
(c) Digits: 3, 8, 2, 7. Largest number: 8732
(d) Digits: 8, 4, 5, 2. Largest number: 8542
(e) Digits: 3, 8, 6, 2. Largest number: 8632
(f) Digits: 1, 5, 2, 9. Largest number: 9521
(g) Digits: 7, 2, 3, 4. Largest number: 7432
(h) Digits: 1, 5, 9, 3. Largest number: 9531
(i) Digits: 8, 9, 5, 3. Largest number: 9853





Maths Homework
this week is about:

Adding Numbers Mentally

Answers

Date:

Teacher:

Year
3

For all the questions on this sheet, try to work out the answers in your head.

(1) For each question, add the three numbers in the circles. Write your answer in the triangle.

(a) $11 + 9 + 17 = 37$

(b) $8 + 10 + 13 = 27$

(c) $20 + 14 + 19 = 53$

(d) $16 + 13 + 10 = 39$

(e) $14 + 9 + 22 = 45$

(f) $7 + 12 + 15 = 34$

(g) $9 + 12 + 19 = 40$

(h) $18 + 17 + 16 = 51$

(i) $20 + 14 + 12 = 46$

(j) $25 + 30 + 15 = 70$

(2) For each question, add the two numbers on the signs. Write your answer in the top sign.

(a) $23 + 74 = 97$

(b) $31 + 43 = 74$

(c) $42 + 39 = 81$

(d) $48 + 19 = 68$

(e) $28 + 52 = 80$

(f) $28 + 63 = 91$

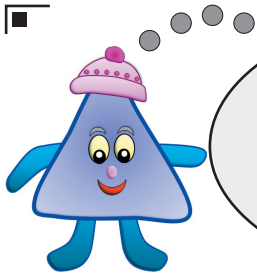
(g) $48 + 51 = 99$

(h) $62 + 26 = 88$

(i) $71 + 16 = 87$

(j) $41 + 34 = 75$





Maths Homework
this week is about:
**Subtracting Numbers
Mentally**

Answers

Date:

Teacher:

Year
3

For all the questions on this sheet, try to work out the answers in your head.

(1) Find the answer to each subtraction question. Write your answer in the box.

(a) $28 - 9 = 19$

(b) $37 - 8 = 29$

(c) $53 - 5 = 48$

(d) $49 - 6 = 43$

(e) $62 - 7 = 55$

(f) $83 - 8 = 75$

(g) $58 - 12 = 46$

(h) $72 - 10 = 62$

(i) $58 - 11 = 47$

(j) $87 - 15 = 72$

(k) $67 - 17 = 50$

(l) $91 - 19 = 72$

(2) Find the answer to each of these subtraction questions. Write your answer in the box.

(a) $62 - 34 = 28$

(b) $71 - 56 = 15$

(c) $82 - 29 = 53$

(d) $77 - 45 = 32$

(e) $62 - 56 = 6$

(f) $87 - 43 = 44$

(g) $59 - 27 = 32$

(h) $73 - 51 = 22$

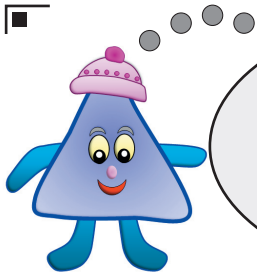
(i) $85 - 39 = 46$

(j) $68 - 48 = 20$

(k) $96 - 29 = 67$

(l) $84 - 66 = 18$





Maths Homework
this week is about:

Adding Numbers

Answers

Date:

Teacher:

Year
3

Add each pair of numbers, showing your working.

(1)

$$\begin{array}{r} 24 \\ + 53 \\ \hline 77 \end{array}$$

(2)

$$\begin{array}{r} 26 \\ + 23 \\ \hline 59 \end{array}$$

(3)

$$\begin{array}{r} 83 \\ + 55 \\ \hline 138 \end{array}$$

(4)

$$\begin{array}{r} 36 \\ + 57 \\ \hline 93 \\ 1 \end{array}$$

(5)

$$\begin{array}{r} 29 \\ + 47 \\ \hline 76 \\ 1 \end{array}$$

(6)

$$\begin{array}{r} 78 \\ + 68 \\ \hline 146 \\ 1 \end{array}$$

(7)

$$\begin{array}{r} 35 \\ + 524 \\ \hline 849 \end{array}$$

(8)

$$\begin{array}{r} 381 \\ + 416 \\ \hline 797 \end{array}$$

(9)

$$\begin{array}{r} 645 \\ + 227 \\ \hline 872 \\ 1 \end{array}$$

(10)

$$\begin{array}{r} 437 \\ + 458 \\ \hline 895 \\ 1 \end{array}$$

(11)

$$\begin{array}{r} 492 \\ + 255 \\ \hline 747 \\ 1 \end{array}$$

(12)

$$\begin{array}{r} 384 \\ + 165 \\ \hline 749 \\ 1 \end{array}$$

(13)

$$\begin{array}{r} 793 \\ + 286 \\ \hline 1081 \\ 1 \end{array}$$

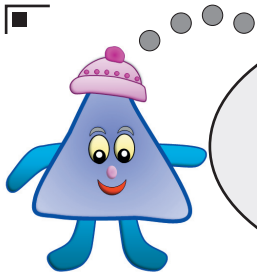
(14)

$$\begin{array}{r} 468 \\ + 786 \\ \hline 1254 \\ 1 \quad 1 \end{array}$$

(15)

$$\begin{array}{r} 687 \\ + 938 \\ \hline 1625 \\ 1 \quad 1 \end{array}$$





Maths Homework
this week is about:

Subtracting Numbers

Answers

Date:

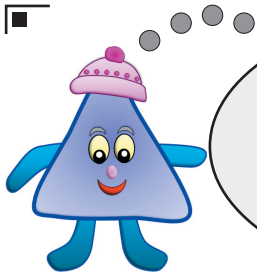
Teacher:

Year
3

Subtract each pair of numbers, showing your working.

- (1)
$$\begin{array}{r} 76 \\ - 34 \\ \hline 42 \end{array}$$
- (2)
$$\begin{array}{r} 98 \\ - 27 \\ \hline 71 \end{array}$$
- (3)
$$\begin{array}{r} 56^1 8 \\ - 19 \\ \hline 49 \end{array}$$
- (4)
$$\begin{array}{r} 67^1 3 \\ - 57 \\ \hline 16 \end{array}$$
- (5)
$$\begin{array}{r} 84^1 \\ - 38 \\ \hline 44 \end{array}$$
- (6)
$$\begin{array}{r} 56^1 7 \\ - 39 \\ \hline 28 \end{array}$$
- (7)
$$\begin{array}{r} 586 \\ - 321 \\ \hline 265 \end{array}$$
- (8)
$$\begin{array}{r} 846 \\ - 312 \\ \hline 534 \end{array}$$
- (9)
$$\begin{array}{r} 75^1 4 \\ - 327 \\ \hline 437 \end{array}$$
- (10)
$$\begin{array}{r} 82^1 5 \\ - 518 \\ \hline 317 \end{array}$$
- (11)
$$\begin{array}{r} 912^1 6 \\ - 357 \\ \hline 579 \end{array}$$
- (12)
$$\begin{array}{r} 813^1 3 \\ - 555 \\ \hline 388 \end{array}$$
- (13)
$$\begin{array}{r} 56^1 8^1 3 \\ - 498 \\ \hline 195 \end{array}$$
- (14)
$$\begin{array}{r} 84^1 5 \\ - 672 \\ \hline 173 \end{array}$$
- (15)
$$\begin{array}{r} 45^1 2^1 6 \\ - 278 \\ \hline 258 \end{array}$$





Maths Homework
this week is about:

Estimating Answers

Answers

Date:

Teacher:

Year
3

For each question, round the amount of money to the nearest £1.

Then use the rounded answers to find an approximate answer to the calculation.

$$£2.96 + £3.17$$

Rounded:

$$£2 + £3$$

$$= £5$$

(1) $£3.14 + £4.02$

Rounded:

$$£3 + £4$$

$$= £7$$

(2) $£4.89 + £5.79$

Rounded:

$$£5 + £6$$

$$= £11$$

(3) $£7.77 + £9.18$

Rounded:

$$£8 + £9$$

$$= £17$$

(4) $£12.36 + £13.31$

Rounded:

$$£12 + £14$$

$$= £26$$

(5) $£11.84 + £12.27$

Rounded:

$$£12 + £12$$

$$= £24$$

(6) $£16.23 + £8.59$

Rounded:

$$£16 + £9$$

$$= £25$$

(7) $£17.23 + £12.80$

Rounded:

$$£17 + £13$$

$$= £30$$

(8) $£22.76 + £18.14$

Rounded:

$$£23 + £18$$

$$= £41$$

(9) $£21.21 + £29.29$

Rounded:

$$£21 + £29$$

$$= £50$$

(10) $£137.96 + £110.99$

Rounded:

$$£138 + £111$$

$$= £249$$

(11) $£330.88 + £116.51$

Rounded:

$$£331 + £117$$

$$= £448$$

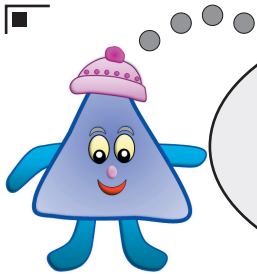
(12) $£214.19 + £538.99$

Rounded:

$$£214 + £539$$

$$= £753$$





Maths Homework
this week is about:

Missing Number Problems

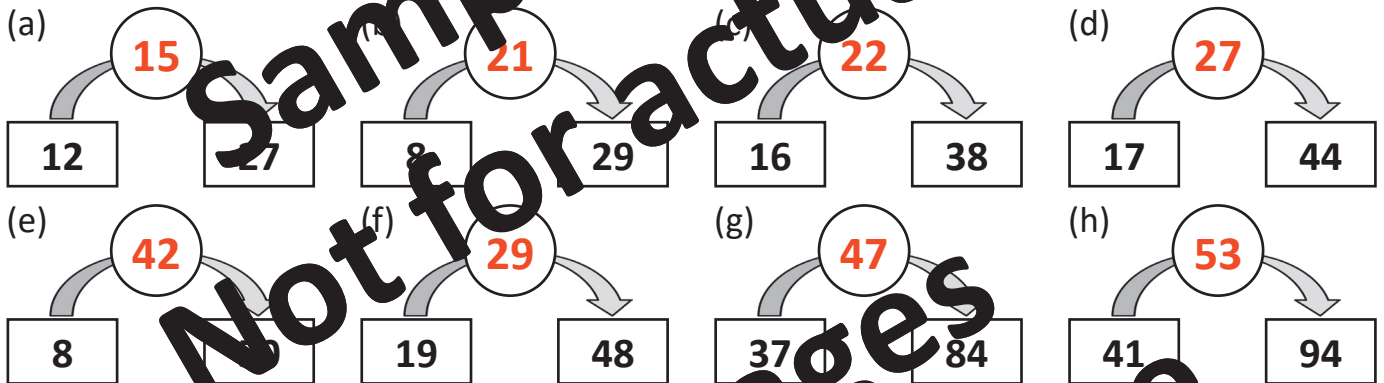
Answers

Date:

Teacher:

Year
3

(1) Say how big each jump is. Write your answers in the circles.



(2) Fill in the missing numbers in each of these addition questions.

(a) $13 + 17 = 30$

(b) $19 + 14 = 33$

(c) $29 + 14 = 43$

(d) $22 + 24 = 46$

(e) $36 + 21 = 57$

(f) $29 + 35 = 64$

(g) $42 + 41 = 83$

(h) $36 + 37 = 73$

(i) $49 + 43 = 92$

(j) $29 + 65 = 94$

(3) Fill in the missing numbers in each of these subtraction questions.

(a) $36 - 19 = 17$

(b) $48 - 23 = 25$

(c) $64 - 23 = 41$

(d) $50 - 36 = 14$

(e) $76 - 42 = 34$

(f) $82 - 63 = 19$

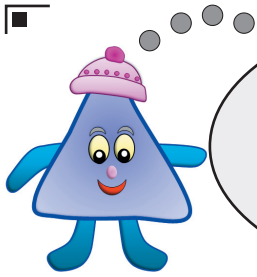
(g) $78 - 31 = 47$

(h) $52 - 11 = 41$

(i) $81 - 52 = 29$

(j) $66 - 38 = 28$





Maths Homework
this week is about:

3, 4, and 8
Times Tables

Answers

Date:

Teacher:

Year
3

(1) Multiply or divide each number by 3, as asked.

(a) $5 \times 3 = 15$

(c) $9 \div 3 = 3$

(e) $9 \times 3 = 27$

(g) $4 \times 3 = 12$

(i) $21 \div 3 = 7$

(b) $6 \div 3 = 2$

(d) $8 \times 3 = 24$

(f) $18 \div 3 = 6$

(h) $3 \times 3 = 33$

(j) $36 \div 3 = 12$

(2) Multiply or divide each number by 4, as asked.

(a) $2 \times 4 = 8$

(c) $24 \div 4 = 6$

(e) $5 \times 4 = 20$

(g) $32 \div 4 = 8$

(i) $9 \times 4 = 36$

(b) $4 \times 4 = 16$

(d) $3 \times 4 = 12$

(f) $40 \div 4 = 10$

(h) $28 \div 4 = 7$

(j) $44 \div 4 = 11$

(3) Multiply or divide each number by 8, as asked.

(a) $32 \div 8 = 4$

(c) $7 \times 8 = 56$

(e) $24 \div 8 = 3$

(g) $8 \times 8 = 64$

(i) $96 \div 8 = 12$

(b) $5 \times 8 = 40$

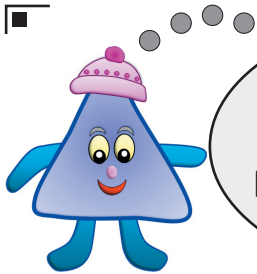
(d) $48 \div 8 = 6$

(f) $16 \div 8 = 2$

(h) $9 \times 8 = 72$

(j) $11 \times 8 = 88$





Maths Homework
this week is about:

Multiplication Problems

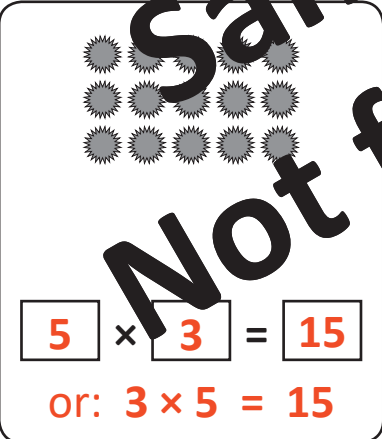
Answers

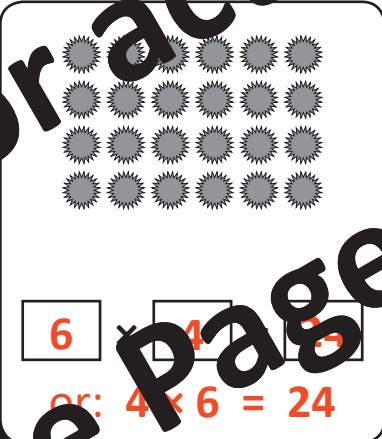
Date:

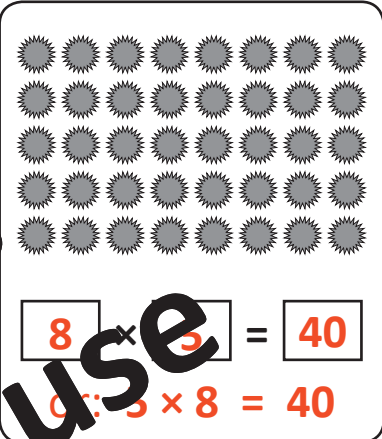
Teacher:

Year
3

- (1) Write a multiplication statement to work out the number of stars in each diagram. Then find the answer to each statement.

(a)  $5 \times 3 = 15$
or: $3 \times 5 = 15$

(b)  $6 \times 4 = 24$
or: $4 \times 6 = 24$

(c)  $8 \times 5 = 40$
or: $5 \times 8 = 40$

- (2) Multiply the pair of numbers in each traffic light. Write your answer in the bottom light.

(a)  (b)  (c)  (d)  (e)  (f) 

- (3) Find the missing numbers in each of these multiplication questions.

(a) $7 \times 4 = 28$ (b) $3 \times \square = 21$

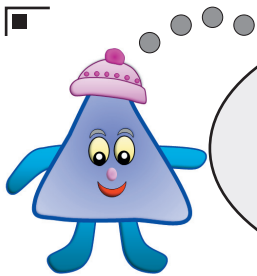
(c) $12 \times 8 = 96$ (d) $\square \times 8 = 48$

(e) $5 \times 3 = 15$ (f) $4 \times 4 = 16$

(g) $2 \times 8 = 16$ (h) $3 \times 8 = 24$

(i) $4 \times 11 = 44$ (j) $10 \times 8 = 80$





Maths Homework
this week is about:

Division Problems

Answers

Date:

Teacher:

Year
3

(1) Find the missing numbers in each of these division questions.

- (a) $55 \div 5 = 11$ (b) $96 \div 8 = 12$
- (c) $27 \div 3 = 9$ (d) $30 \div 5 = 6$
- (e) $56 \div 8 = 7$ (f) $64 \div 8 = 8$
- (g) $60 \div 5 = 12$ (h) $21 \div 3 = 7$
- (i) $30 \div 3 = 10$ (j) $72 \div 8 = 9$

(2) Find which number you must divide the first weight by to get the second weight.

- (a) $600 \text{ g} \div 5 = 120 \text{ g}$ (b) $450 \text{ g} \div 3 = 150 \text{ g}$
- (c) $800 \text{ g} \div 2 = 400 \text{ g}$ (d) $720 \text{ g} \div 6 = 120 \text{ g}$
- (e) $400 \text{ g} \div 8 = 50 \text{ g}$ (f) $960 \text{ g} \div 8 = 120 \text{ g}$
- (g) $170 \text{ g} \div 10 = 17 \text{ g}$ (h) $330 \text{ g} \div 3 = 110 \text{ g}$
- (i) $100 \text{ g} \div 4 = 25 \text{ g}$ (j) $560 \text{ g} \div 10 = 56 \text{ g}$

(3) 45 sweets were divided equally between 5 children.
How many sweets did each child get?

$$45 \div 5$$

9

Sweets

(4) A pupil walked 15 miles in 3 days.
If she walked the same distance each day,
how many miles per day did she walk?

$$15 \div 3$$

5

Miles

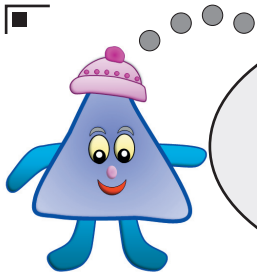
(5) There were 88 pens in 8 packs.
If each pack had the same number of pens,
how many pens in each one?

$$88 \div 8$$

11

Pens





Maths Homework
this week is about:

Introducing Tenths

Answers

Date:

Teacher:

Year
3

(1) Give the answer to each of these division questions as a fraction.

(a) $2 \div 10 = \frac{2}{10}$

(b) $8 \div 10 = \frac{8}{10}$

(c) $5 \div 10 = \frac{5}{10}$

(d) $9 \div 10 = \frac{9}{10}$

(e) $6 \div 10 = \frac{6}{10}$

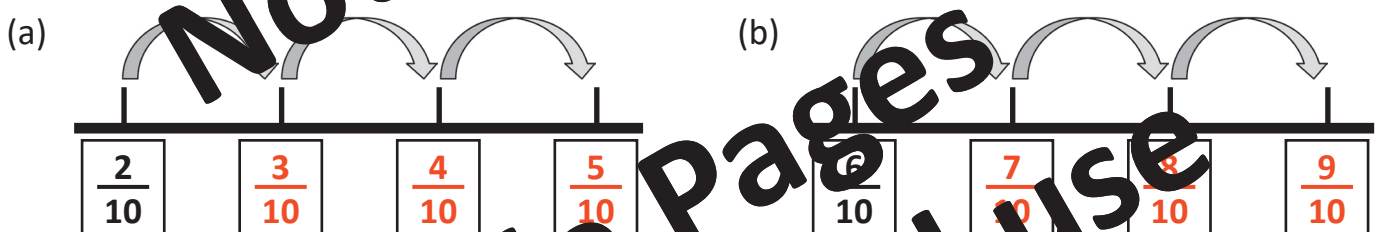
(f) $3 \div 10 = \frac{3}{10}$

(g) $4 \div 10 = \frac{4}{10}$

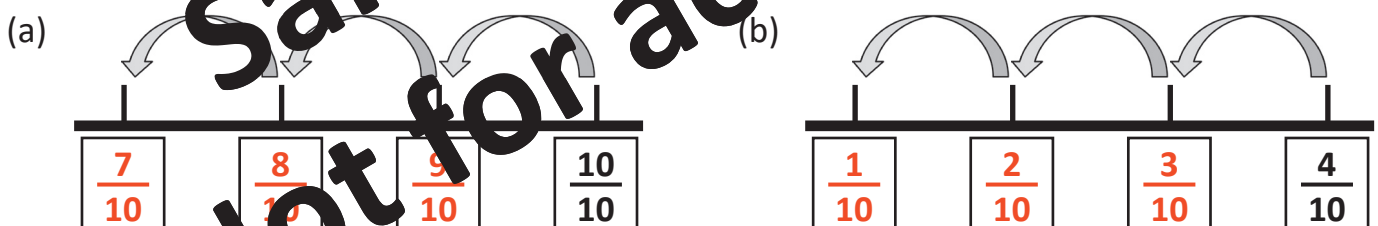
(h) $1 \div 10 = \frac{1}{10}$

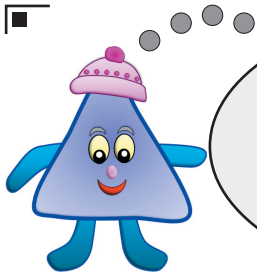
(i) $7 \div 10 = \frac{7}{10}$

(2) Count up in tenths from each fraction given.



(3) Count down in tenths from each fraction given.





Maths Homework
this week is about:

Recognising Tenths

Answers

Date:

Teacher:

Year
3

For each shape, give the fraction shaded. Write each answer as a fraction over 10.

(1)



Fraction
shaded

$\frac{4}{10}$

(2)



Fraction
shaded

$\frac{7}{10}$

(3)



Fraction
shaded

$\frac{9}{10}$

(4)



Fraction
shaded

$\frac{5}{10}$

(5)



Fraction
shaded

$\frac{2}{10}$

(6)



Fraction
shaded

$\frac{3}{10}$

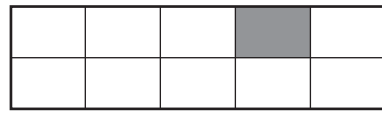
(7)



Fraction
shaded

$\frac{6}{10}$

(8)



Fraction
shaded

$\frac{1}{10}$

(9)



Fraction
shaded

$\frac{8}{10}$

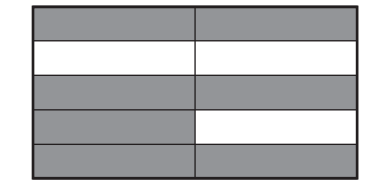
(10)



Fraction
shaded

$\frac{9}{10}$

(11)



Fraction
shaded

$\frac{7}{10}$

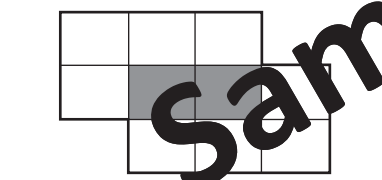
(12)



Fraction
shaded

$\frac{3}{10}$

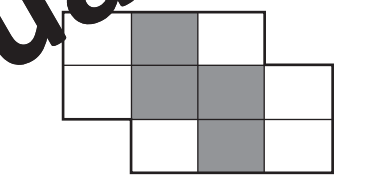
(13)



Fraction
shaded

$\frac{2}{10}$

(14)



Fraction
shaded

$\frac{4}{10}$

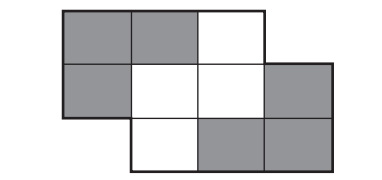
(15)



Fraction
shaded

$\frac{5}{10}$

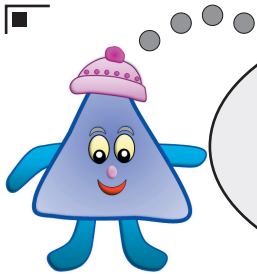
(16)



Fraction
shaded

$\frac{6}{10}$





Maths Homework
this week is about:
**Writing Fractions of
Amounts**

Answers

Date:

Teacher:

Year
3

For each set of stars, say how many there are. Then find the fraction of the stars asked.

(1)

How many stars? **22**
Find $\frac{2}{3}$ **4**

(2)

How many stars? **20**
Find $\frac{1}{4}$ **5**

(3)

How many stars? **18**
Find $\frac{2}{3}$ **9**

(4)

How many stars? **30**
Find $\frac{1}{6}$ **5**

(5)

How many stars? **24**
Find $\frac{1}{8}$ **3**

(6)

How many stars? **18**
Find $\frac{1}{9}$ **2**

(7)

How many stars? **12**
Find $\frac{2}{3}$ **8**

(8)

How many stars? **10**
Find $\frac{2}{5}$ **4**

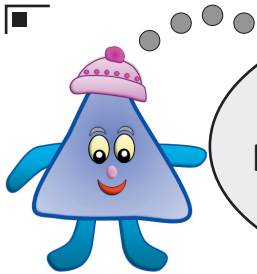
(9)

How many stars? **20**
Find $\frac{3}{5}$ **12**

(10)

How many stars? **30**
Find $\frac{3}{10}$ **9**





Maths Homework
this week is about:

Recognising Fractions as Numbers

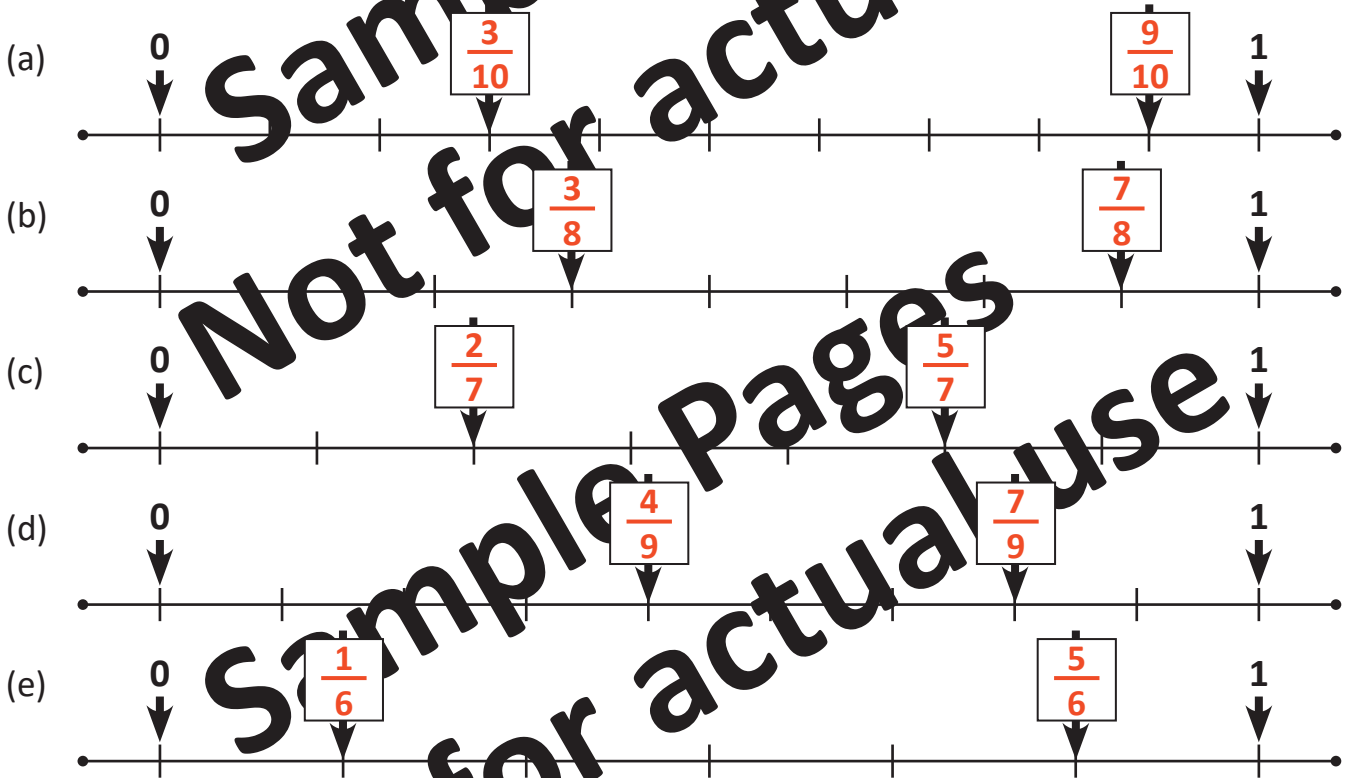
Answers

Date:

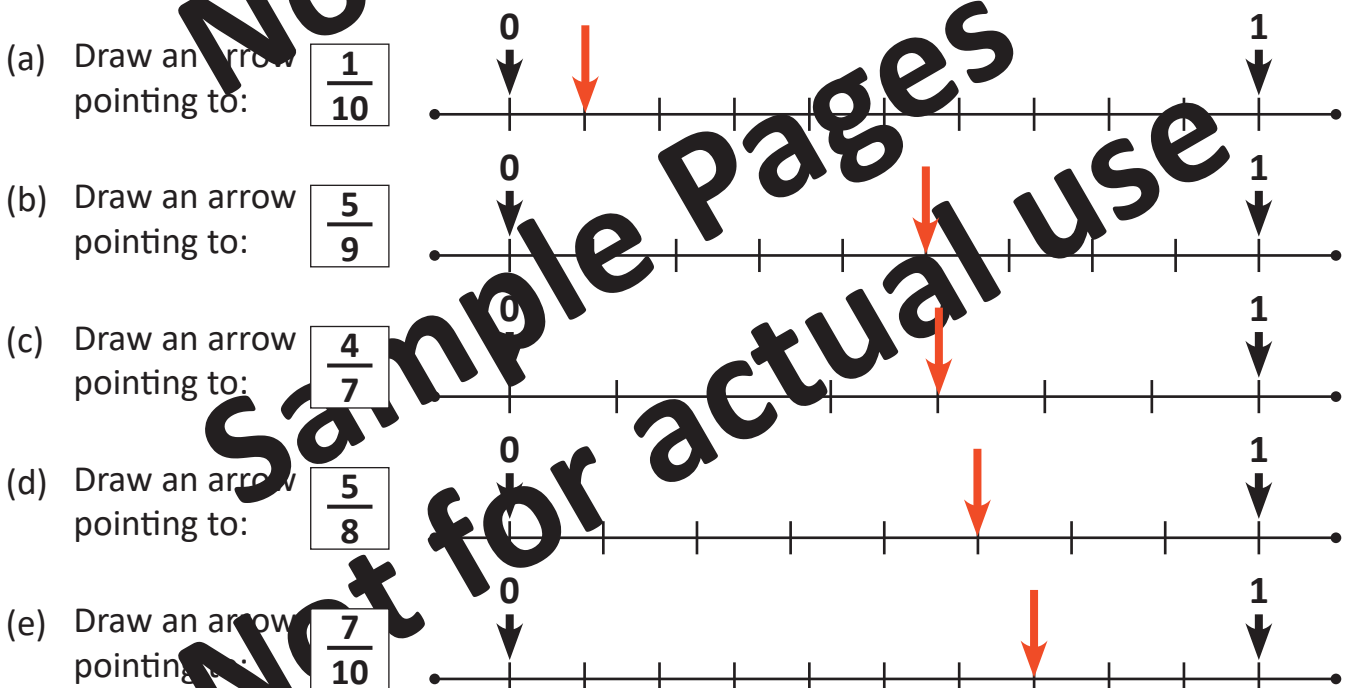
Teacher:

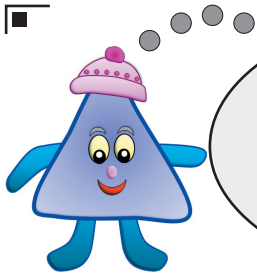
Year
3

(1) Say which fractions the arrows are pointing to on each of these number lines.



(2) On each of these number lines, draw an arrow which points to the fraction given.





Maths Homework
this week is about:

Equivalent Fractions

Answers

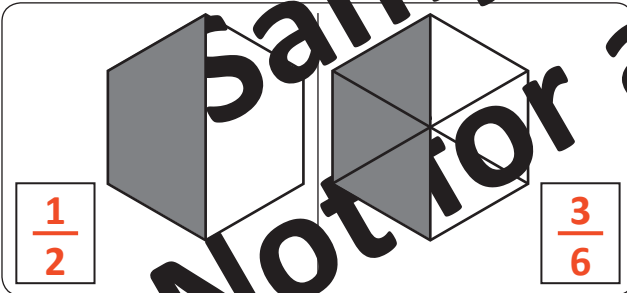
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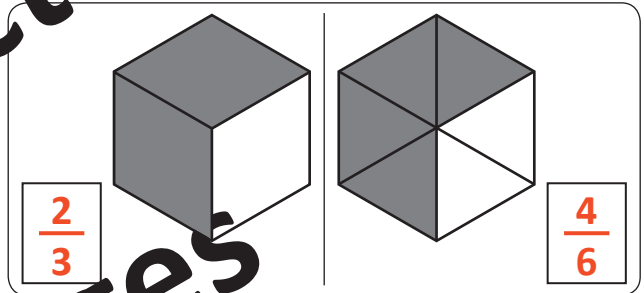
Year
3

Each question shows two equivalent fractions. Say what fraction of each shape is shaded.
(The bottom number of each fraction should be the total number of sections in the shape).

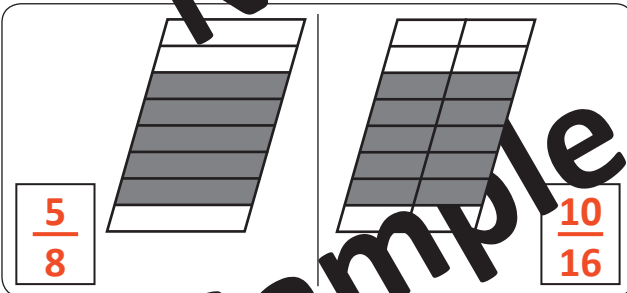
(1)



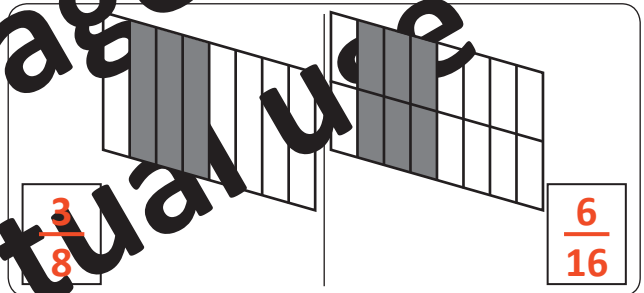
(2)



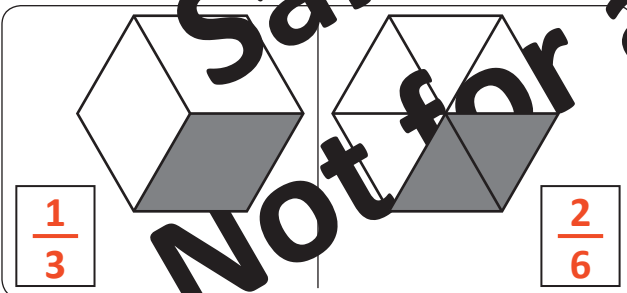
(3)



(4)



(5)



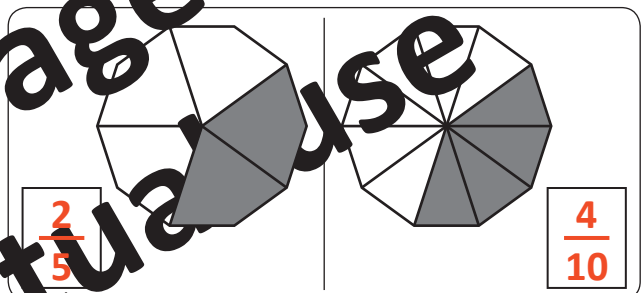
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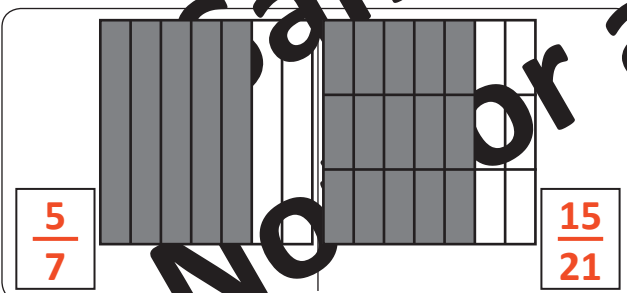
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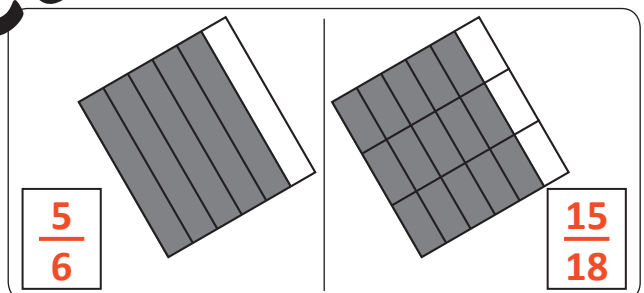
(8)

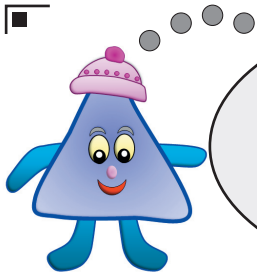


(9)



(10)





Maths Homework
this week is about:

Adding Fractions

Answers

Date:

Teacher:

Year
3

Add each pair of fractions and write your answer in the box.

(1)

$$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$$

(2)

$$\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$$

(3)

$$\frac{1}{7} + \frac{3}{7} = \frac{4}{7}$$

(4)

$$\frac{1}{8} + \frac{4}{8} = \frac{5}{8}$$

(5)

$$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$$

(6)

$$\frac{7}{10} + \frac{2}{10} = \frac{9}{10}$$

(7)

$$\frac{3}{12} + \frac{8}{12} = \frac{11}{12}$$

(8)

$$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$$

(9)

$$\frac{2}{11} + \frac{8}{11} = \frac{10}{11}$$

(10)

$$\frac{2}{12} + \frac{3}{12} = \frac{5}{12}$$

(11)

$$\frac{2}{8} + \frac{5}{8} = \frac{7}{8}$$

(12)

$$\frac{6}{11} + \frac{3}{11} = \frac{9}{11}$$

(13)

$$\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$$

(14)

$$\frac{6}{13} + \frac{3}{13} = \frac{9}{13}$$

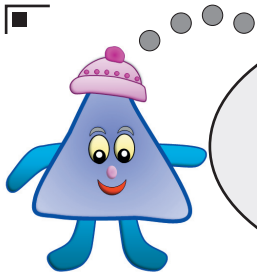
(15)

$$\frac{2}{15} + \frac{11}{15} = \frac{13}{15}$$

(16)

$$\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$$





Maths Homework
this week is about:

Subtracting Fractions

Answers

Date:

Teacher:

Year
3

Subtract each pair of fractions and write your answer in the box.

(1)

$$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$$

(2)

$$\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$$

(3)

$$\frac{6}{7} - \frac{4}{7} = \frac{2}{7}$$

(4)

$$\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$$

(5)

$$\frac{8}{9} - \frac{6}{9} = \frac{2}{9}$$

(6)

$$\frac{7}{11} - \frac{1}{11} = \frac{6}{11}$$

(7)

$$\frac{9}{12} - \frac{8}{12} = \frac{1}{12}$$

(8)

$$\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$$

(9)

$$\frac{8}{13} - \frac{3}{13} = \frac{5}{13}$$

(10)

$$\frac{11}{15} - \frac{7}{15} = \frac{4}{15}$$

(11)

$$\frac{11}{12} - \frac{6}{12} = \frac{5}{12}$$

(12)

$$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$$

(13)

$$\frac{6}{8} - \frac{5}{8} = \frac{1}{8}$$

(14)

$$\frac{15}{17} - \frac{9}{17} = \frac{6}{17}$$

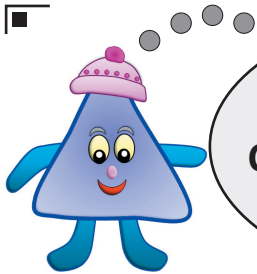
(15)

$$\frac{11}{14} - \frac{2}{14} = \frac{9}{14}$$

(16)

$$\frac{11}{13} - \frac{6}{13} = \frac{5}{13}$$





Maths Homework
this week is about:

Comparing and Ordering Fractions

Answers

Date:

Teacher:

Year
3

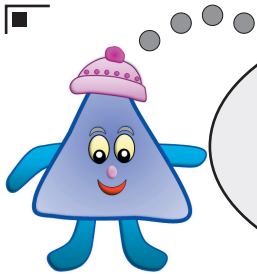
(1) Write **bigger** or **smaller** in the box for each pair of fractions.

- (a) $\frac{1}{3}$ is **smaller** than $\frac{1}{2}$ (b) $\frac{1}{6}$ is **bigger** than $\frac{1}{7}$
- (c) $\frac{1}{8}$ is **bigger** than $\frac{1}{9}$ (d) $\frac{1}{11}$ is **bigger** than $\frac{1}{12}$
- (e) $\frac{1}{4}$ is **smaller** than $\frac{1}{3}$ (f) $\frac{1}{9}$ is **smaller** than $\frac{1}{5}$
- (g) $\frac{3}{8}$ is **smaller** than $\frac{5}{8}$ (h) $\frac{4}{7}$ is **bigger** than $\frac{2}{7}$
- (i) $\frac{5}{7}$ is **bigger** than $\frac{2}{7}$ (j) $\frac{2}{5}$ is **smaller** than $\frac{4}{5}$

(2) Put each set of fractions in order from smallest to biggest.

- (a) $\frac{1}{3}$ $\frac{1}{5}$ $\frac{1}{4}$ → smallest $\frac{1}{5}$ $\frac{1}{4}$ $\frac{1}{3}$ biggest
- (b) $\frac{1}{2}$ $\frac{1}{5}$ $\frac{1}{9}$ → smallest $\frac{1}{9}$ $\frac{1}{5}$ $\frac{1}{2}$ biggest
- (c) $\frac{1}{6}$ $\frac{1}{3}$ $\frac{1}{4}$ → smallest $\frac{1}{6}$ $\frac{1}{4}$ $\frac{1}{3}$ biggest
- (d) $\frac{3}{7}$ $\frac{6}{7}$ $\frac{2}{7}$ → smallest $\frac{2}{7}$ $\frac{3}{7}$ $\frac{6}{7}$ biggest
- (e) $\frac{4}{9}$ $\frac{1}{9}$ $\frac{7}{9}$ → smallest $\frac{1}{9}$ $\frac{4}{9}$ $\frac{7}{9}$ biggest
- (f) $\frac{7}{8}$ $\frac{6}{8}$ $\frac{2}{8}$ → smallest $\frac{2}{8}$ $\frac{6}{8}$ $\frac{7}{8}$ biggest





Maths Homework
this week is about:

Finding Fractions

Answers

Date:

Teacher:

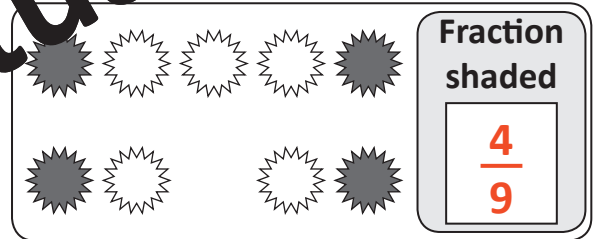
Year
3

For each question, say what fraction of the stars are shaded.

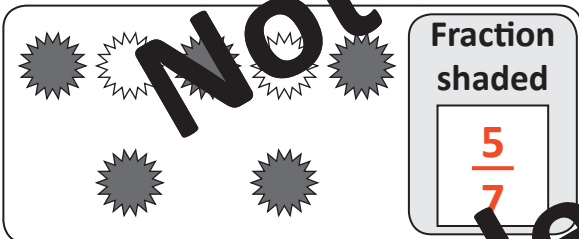
(1)



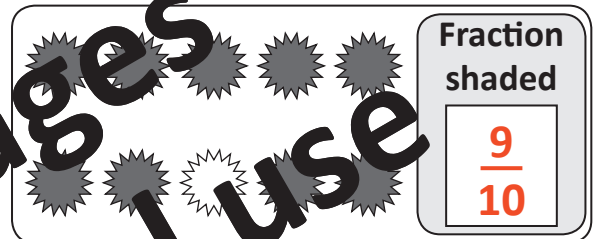
(2)



(3)



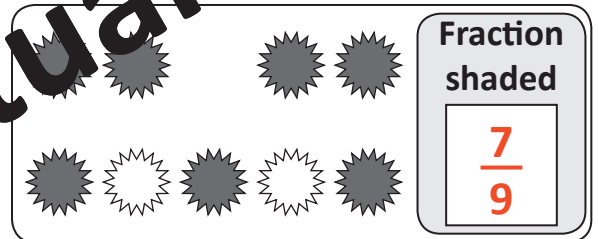
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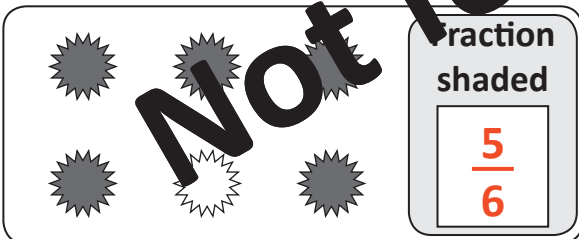
(5)



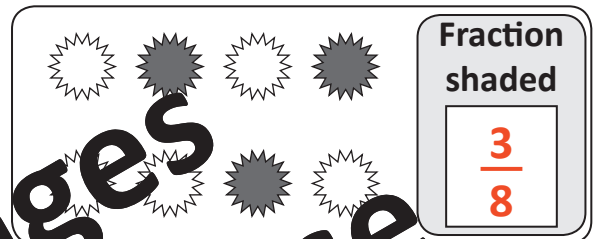
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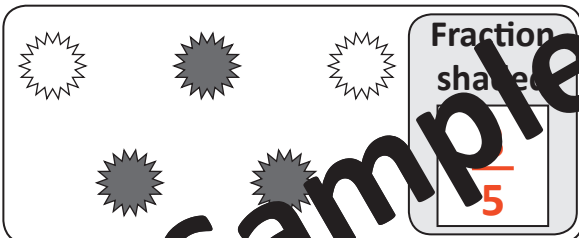
(7)



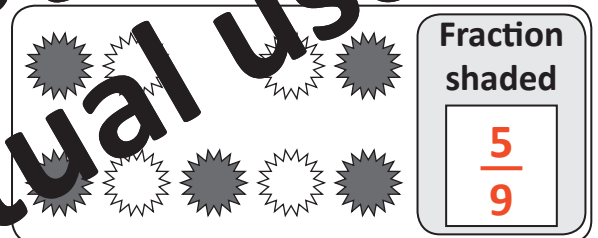
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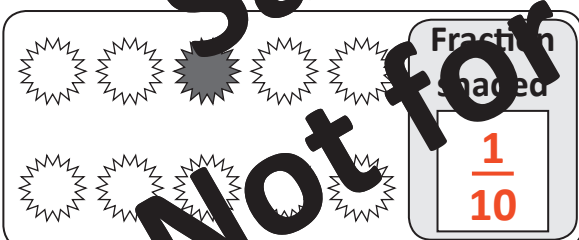
(9)



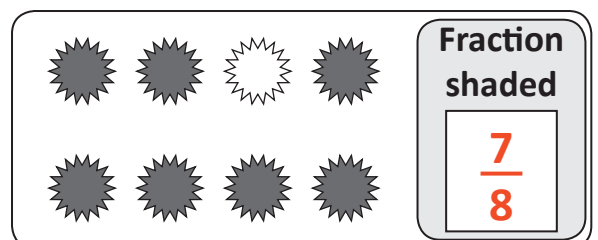
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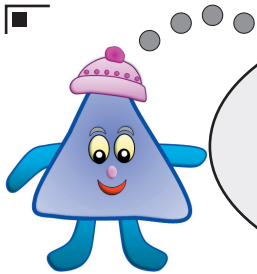


(11)



(12)





Maths Homework
this week is about:

Measuring Lengths

Answers

Date:

Teacher:

Year
3

(1) Measure the length of each line. Write your answers in the boxes.

length of line

- | | | |
|-----|--|--------------|
| (a) | | 12 cm |
| (b) | | 14 cm |
| (c) | | 10 cm |
| (d) | | 13 cm |
| (e) | | 11 cm |

(2) Measure each pair of lines, in centimetres. Then add your answers together to find the total length of each pair.

length of top line length of bottom line: total length of lines:

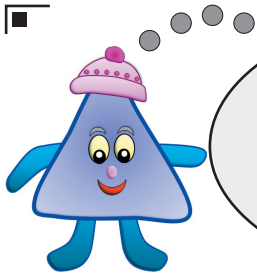
- | | | | | |
|-----|--|-------------|-------------|--------------|
| (a) | | 9 cm | 7 cm | 16 cm |
| (b) | | 6 cm | 8 cm | 14 cm |
| (c) | | 4 cm | 6 cm | 10 cm |
| (d) | | 7 cm | 3 cm | 10 cm |
| (e) | | 5 cm | 9 cm | 14 cm |

(3) Measure each pair of lines, in centimetres. Then subtract the smaller number from the larger number to see how much longer the top line is than the bottom line.

length of top line length of bottom line: top line is longer by:

- | | | | | |
|-----|--|-------------|-------------|-------------|
| (a) | | 8 cm | 1 cm | 7 cm |
| (b) | | 6 cm | 4 cm | 2 cm |
| (c) | | 9 cm | 6 cm | 3 cm |
| (d) | | 5 cm | 2 cm | 3 cm |
| (e) | | 7 cm | 6 cm | 1 cm |





Maths Homework
this week is about:

**Adding and Subtracting
Masses**

Answers

Date:

Teacher:

Year
3

(1) Add each pair of weights.

(a) $14\text{ g} + 8\text{ g} = 22\text{ g}$ (b) $12\text{ kg} + 16\text{ kg} = 28\text{ kg}$

(c) $25\text{ g} + 17\text{ g} = 42\text{ g}$ (d) $32\text{ g} + 26\text{ g} = 58\text{ g}$

(e) $31\text{ kg} + 19\text{ kg} = 50\text{ kg}$ (f) $41\text{ kg} + 26\text{ kg} = 67\text{ kg}$

(g) $38\text{ kg} + 47\text{ kg} = 85\text{ kg}$ (h) $33\text{ g} + 44\text{ g} = 77\text{ g}$

(i) $55\text{ kg} + 39\text{ g} = 94\text{ g}$ (j) $47\text{ kg} + 48\text{ kg} = 95\text{ kg}$

(2) Subtract each pair of weights to find how much heavier the heaviest weight is.

(a) $62\text{ g} - 40\text{ g} = 22\text{ g}$ (b) $89\text{ kg} - 76\text{ kg} = 13\text{ kg}$

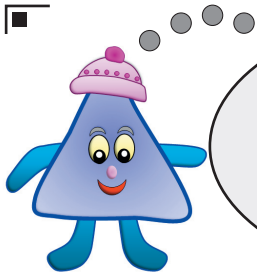
(c) $63\text{ kg} - 36\text{ kg} = 27\text{ kg}$ (d) $52\text{ g} - 21\text{ g} = 37\text{ g}$

(e) $78\text{ g} - 23\text{ g} = 55\text{ g}$ (f) $73\text{ kg} - 32\text{ kg} = 41\text{ kg}$

(g) $81\text{ kg} - 19\text{ kg} = 62\text{ kg}$ (h) $97\text{ kg} - 11\text{ kg} = 86\text{ kg}$

(i) $83\text{ g} - 44\text{ g} = 39\text{ g}$ (j) $94\text{ g} - 49\text{ g} = 45\text{ g}$





Maths Homework
this week is about:

**Adding and Subtracting
Volumes**

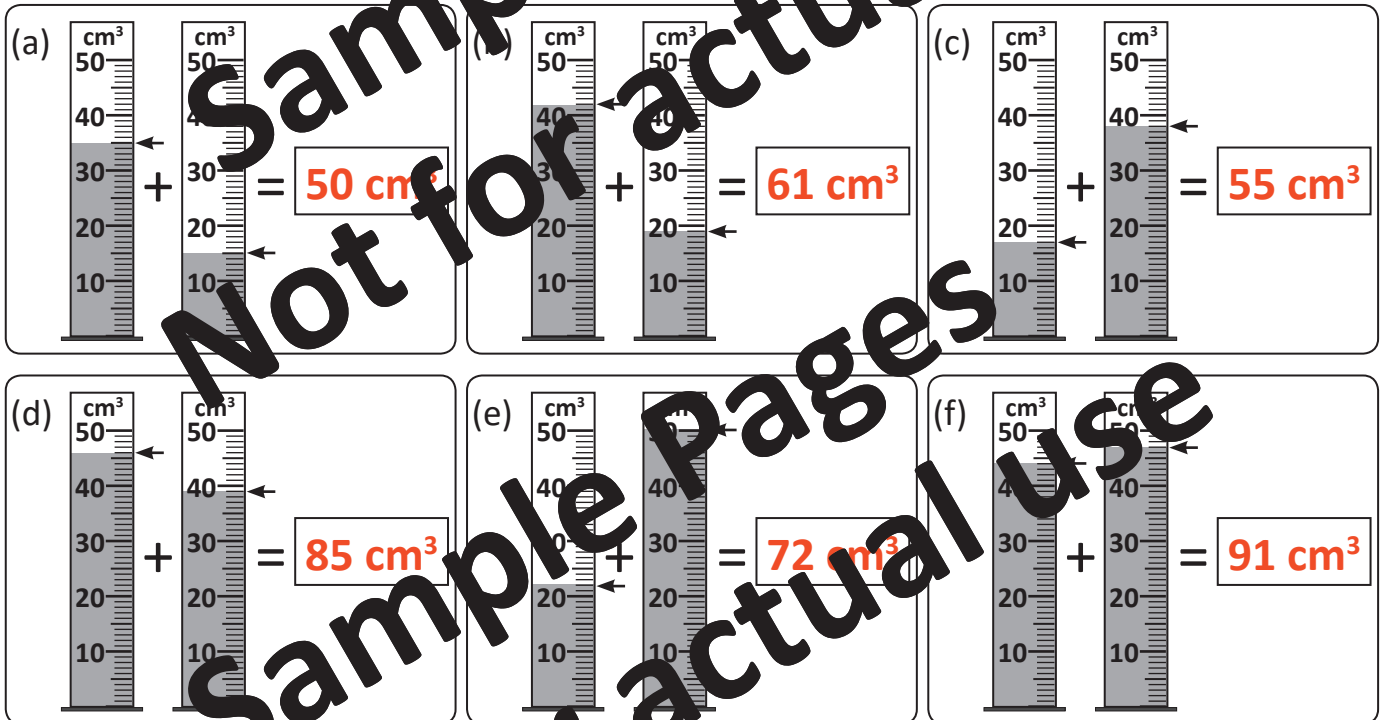
Answers

Date:

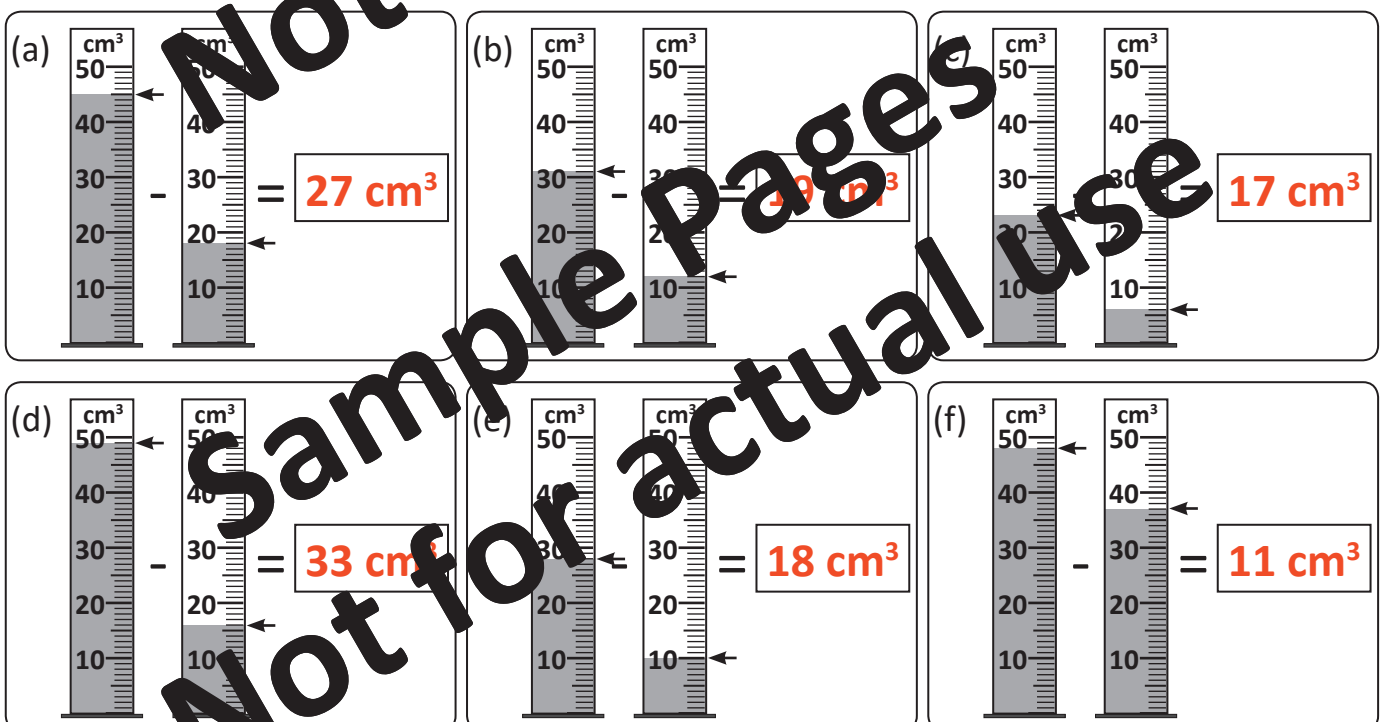
Teacher:

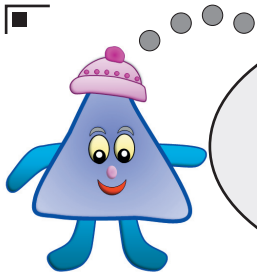
Year
3

(1) Find the total amount of liquid in each pair of measuring cylinders.



(2) Subtract to find how much more liquid there is in the first measuring cylinder than in the second.





Maths Homework
this week is about:

Measuring Perimeters of Shapes

Answers

Date:

Teacher:

Year
3

For each shape, measure each side length in centimetres and write the lengths in the boxes.
Then add the lengths together to find the perimeter of the shape.

(a)



4 cm

4 cm

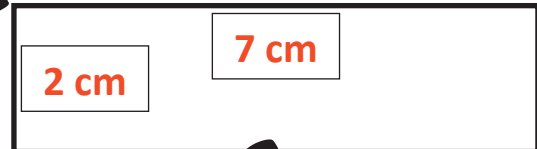
4 cm

4 cm

Perimeter

$$4 + 4 + 4 + 4$$

16 cm



2 cm

7 cm

2 cm

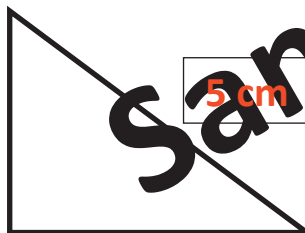
7 cm

Perimeter

$$2 + 7 + 2 + 7$$

18 cm

(c)



3 cm

5 cm

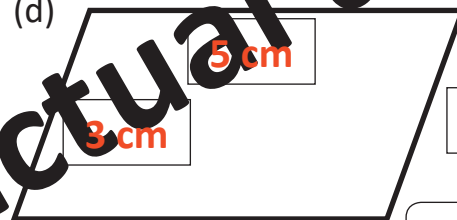
4 cm

Perimeter

$$3 + 4 + 5$$

12 cm

(d)



5 cm

3 cm

5 cm

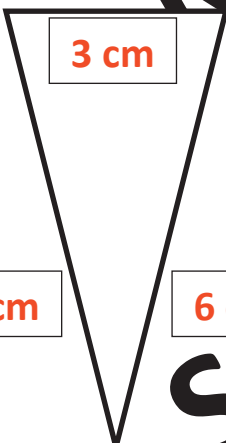
3 cm

Perimeter

$$3 + 5 + 3 + 5$$

16 cm

(e)



6 cm

3 cm

6 cm

Perimeter

$$6 + 6 + 3$$

15 cm

(f)



2 cm

5 cm

5 cm

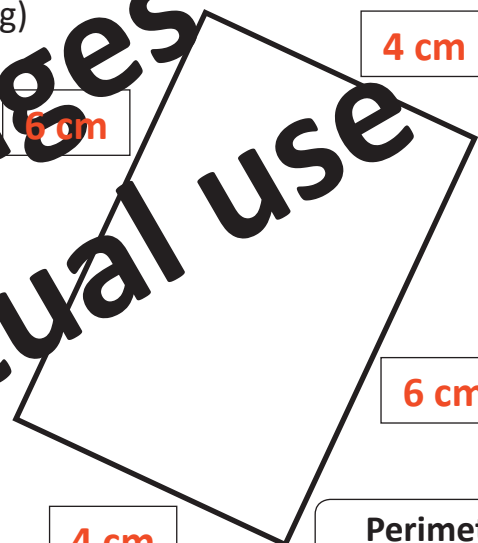
2 cm

Perimeter

$$5 + 2 + 5 + 2$$

14 cm

(g)



6 cm

4 cm

6 cm

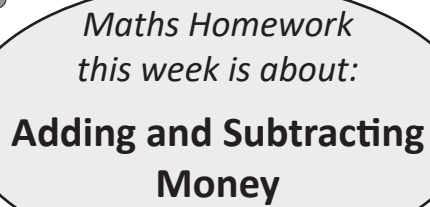
4 cm

Perimeter

$$4 + 6 + 4 + 6$$

20 cm





Date:

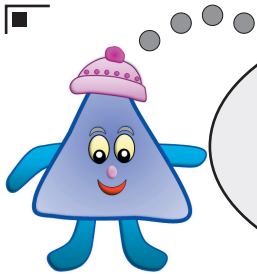
Teache

Year
3

- (a)  Total: **£0.37**
- (b)  Total: **£0.88**
- (c)  Total: **£1.46**
- (d)  Total: **£2.15**
- (e)  Total: **£1.94**
- (f)  Total: **£3.53**

- (a) You spend: £1.15
Change from £5: £3.85
- (b) You spend: £1.84
Change from £5: £3.16
- (c) You spend: £2.11
Change from £5: £2.89
- (d) You spend: £3.41
Change from £5: £1.59
- (e) You spend: £3.89
Change from £5: £1.11
- (f) You spend: £4.12
Change from £5: £0.88

- (a) You spend: £1.61
Change from £10: £8.39
- (b) You spend: £2.57
Change from £10: £6.43
- (c) You spend: £4.70
Change from £10: £5.30
- (d) You spend: £6.93
Change from £10: £3.07
- (e) You spend: £7.38
Change from £10: £2.62
- (f) You spend: £8.14
Change from £10: £1.86



Maths Homework
this week is about:

Reading Time

Answers

Date:

Teacher:

Year
3

(1) Say what time is shown on each of these clocks as an a.m. or p.m. time.

(a) Morning

time: **7:25 a.m.**

(b) Evening

time: **6:50 p.m.**

(c) Morning

time: **3:15 a.m.**

(d) Afternoon

time: **1:40 p.m.**

(e) Evening

time: **10:36 p.m.**

(f) Morning

time: **8:55 a.m.**

(2) These clocks have Roman numerals.
Say what time is shown on each one as an a.m. or p.m. time.

(a) Afternoon

time: **5:47 p.m.**

(b) Morning

time: **12:17 p.m.**

(c) Morning

time: **4:03 a.m.**

(d) Afternoon

time: **2:45 p.m.**

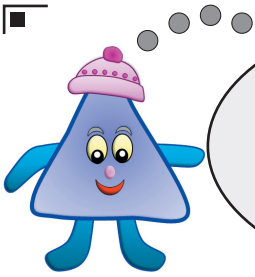
(e) Morning

time: **9:22 a.m.**

(f) Evening

time: **11:08 p.m.**





Maths Homework
this week is about:

Time Questions

Answers

Date:

Teacher:

Year
3

- (1) How many seconds are there in two minutes?

120

- (2) How many days are there in December?

31

- (3) 35 days is how many weeks?

5

- (4) 660 seconds is how many minutes?

11

- (5) 240 seconds is how many minutes?

4

- (6) 180 minutes is how many hours?

3

- (7) How many days are there in a year when it is not a leap year?

365

- (8) Give the number of seconds in five minutes.

300

- (9) Give the number of days in April.

30

- (10) How many days are there in eight weeks?

56

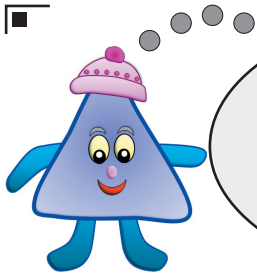
- (11) How many seconds are there in one and a half minutes?

90

- (12) How many minutes are there in eight hours?

480





Maths Homework
this week is about:

2D Shapes

Answers

Date:

Teacher:

Year
3

Draw each of the following shapes as accurately as possible.

Then answer the questions about each one.

Accept any correct diagram.

(1)

Square



What can you say about the lengths of
all the sides?

They are all equal.

(2)

Rectangle



What is the size of each angle
in this shape?

90°

(3)

Equilateral Triangle

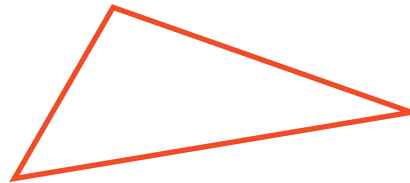


What is the size of each angle
in this shape?

60°

(4)

Scalene Triangle



What can you say about the lengths of
the sides?

They are all different.

(5)

Rhombus

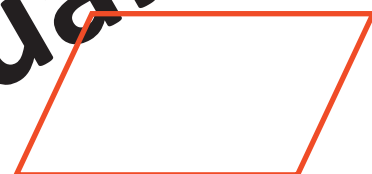


What can you say about the lengths of
the sides?

They are all equal.

(6)

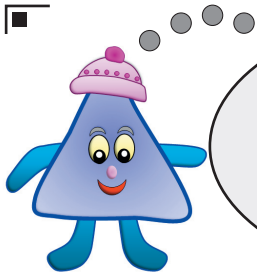
Parallelogram



What can you say about the lengths of
opposite (parallel) sides?

They are equal.





Maths Homework
this week is about:

Recognising Angles

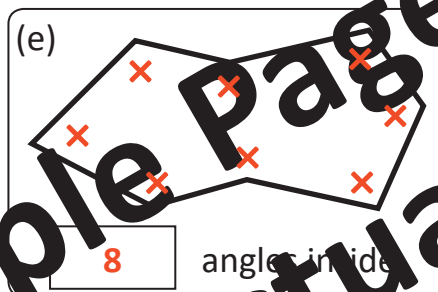
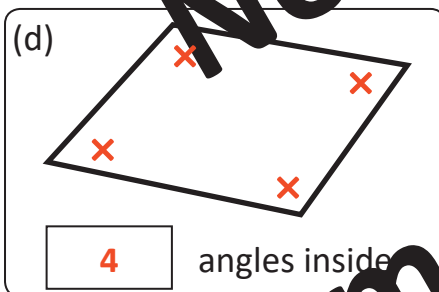
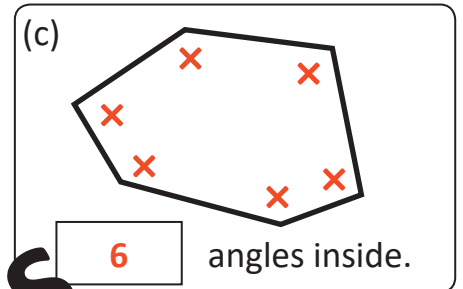
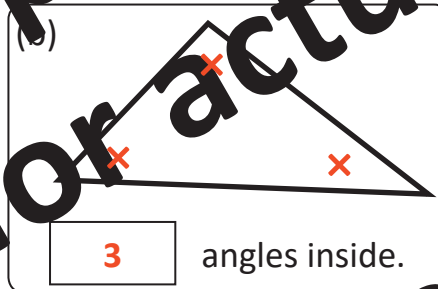
Answers

Date:

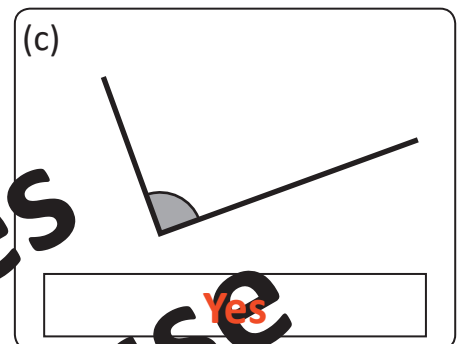
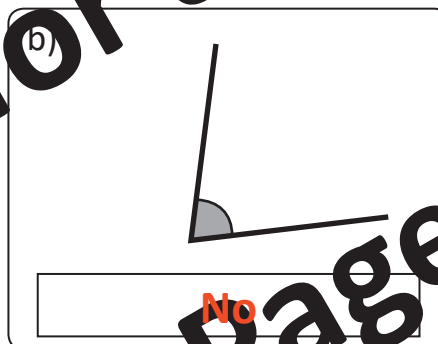
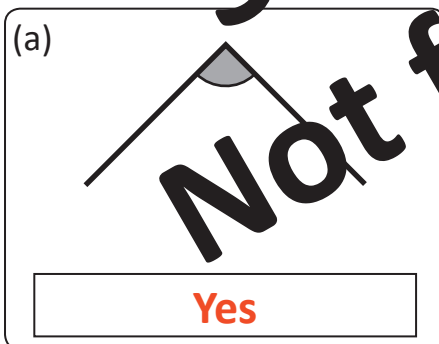
Teacher:

Year
3

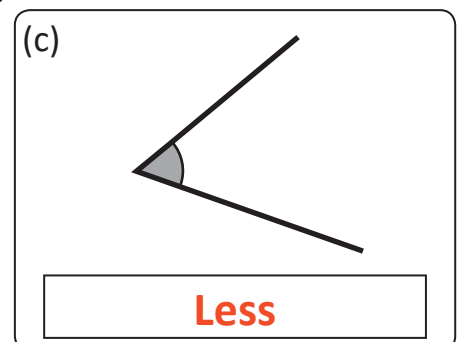
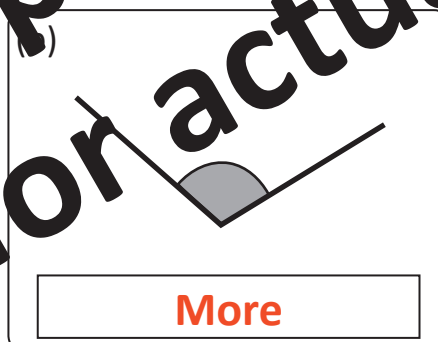
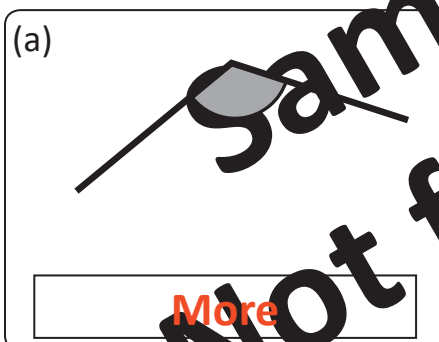
(1) Say how many angles there are inside each of these shapes. Put a cross in each angle.

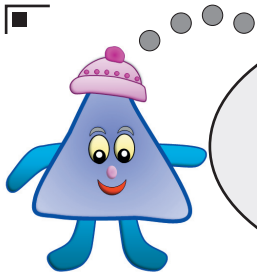


(2) Write **Yes** or **No** in each box to say whether each of these angles is a right angle or not.



(3) Write **More** or **Less** in each box to say whether each of these angles more or less than a right angle.





Maths Homework
this week is about:

Lines

Answers

Date:

Teacher:

Year
3

For each question put a circle around the correct word or words which describe the lines.

(1)



Horizontal

Vertical

Parallel

Perpendicular

None of these

(2)



Horizontal

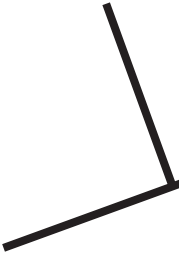
Vertical

Parallel

Perpendicular

None of these

(3)



Horizontal

Vertical

Parallel

Perpendicular

None of these

(4)



Horizontal

Vertical

Parallel

Perpendicular

None of these

(5)



Horizontal

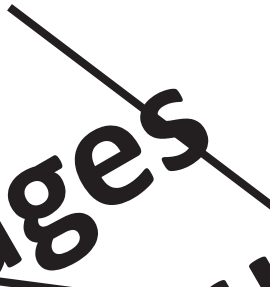
Vertical

Parallel

Perpendicular

None of these

(6)



Horizontal

Vertical

Parallel

Perpendicular

None of these

(7)



Horizontal

Vertical

Parallel

Perpendicular

None of these

(8)



Horizontal

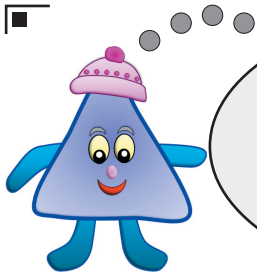
Vertical

Parallel

Perpendicular

None of these





Maths Homework
this week is about:

Drawing Pictograms

Answers

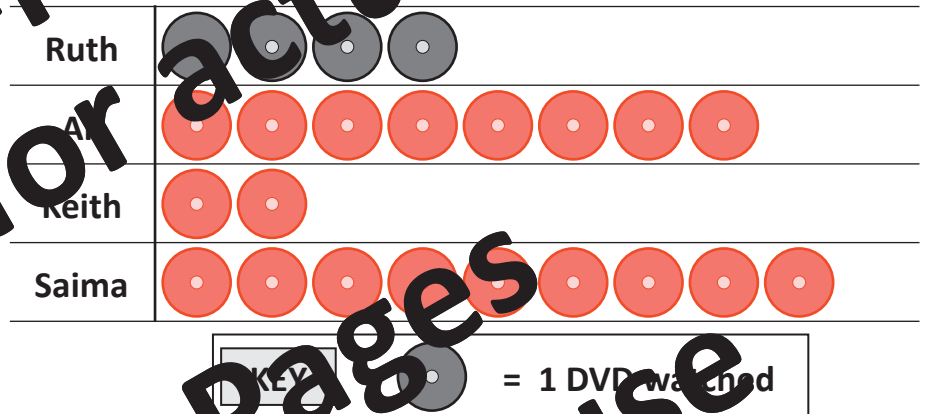
Date:

Teacher:

Year
3

(1) Complete the pictogram to show the number of DVDs watched by four people last week.

Person	Number of DVDs watched
Ruth	4
Ali	8
Keith	7
Saima	9



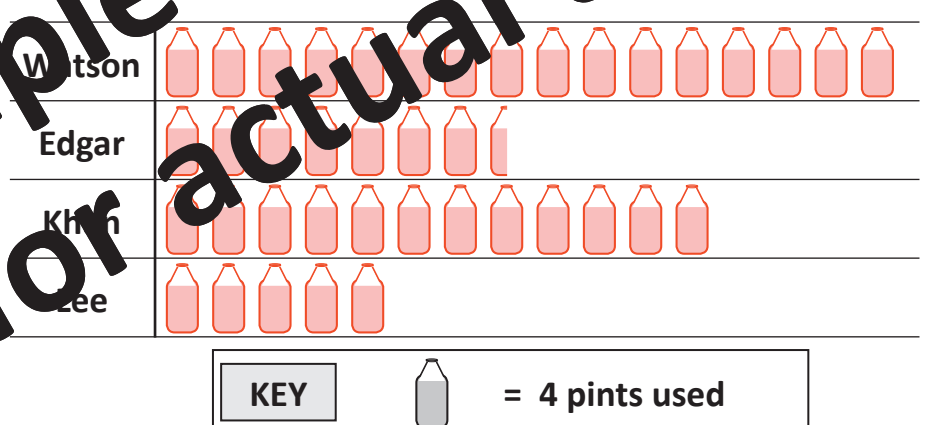
(2) Complete the pictogram to show how many merits some pupils achieved one month.

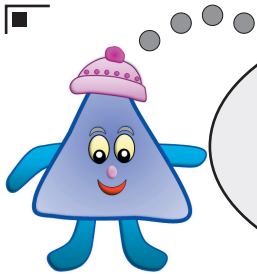
Pupil	Number of merits
James	16
Arthur	10
Sarah	14
Vicky	17



(3) Draw a pictogram to show how many pints of milk were used by four families one month.

Family	Number of pints used
Watson	24
Edgar	30
Khan	48
Lee	20





Maths Homework
this week is about:

Interpreting Pictograms

Answers

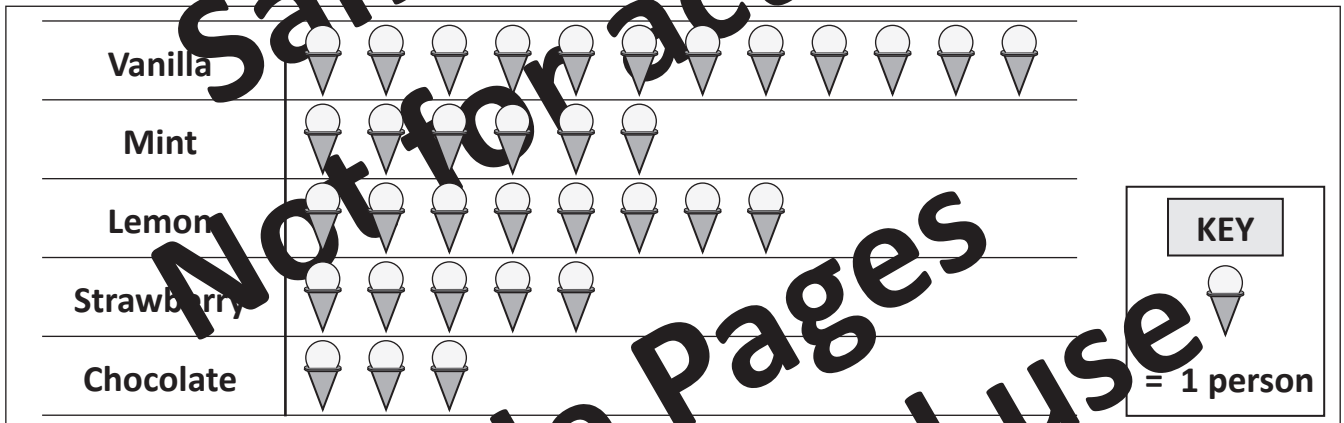
Date:

Teacher:

Year
3

Answer the questions about each pictogram.

(1) Pictogram to show the favourite ice cream flavours of a group of people.



- How many people chose Lemon as their favourite flavour?
- Which flavour was chosen by 12 people?
- Chocolate is the favourite flavour of how many people?
- How many more people prefer Mint than Strawberry?
- How many less people prefer Chocolate than Vanilla?

8

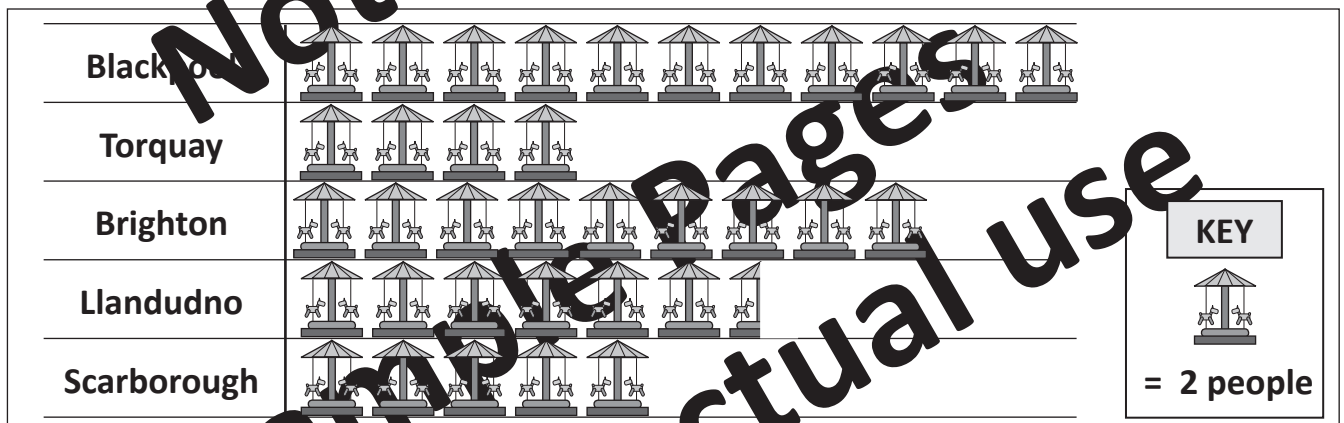
Vanilla

3

1

9

(2) Pictogram to show the favourite seaside resorts for a group of pupils.



- How many pupils' favourite resort is Scarborough?
- Which resort is the favourite of exactly 18 pupils?
- Llandudno is the favourite resort of how many pupils?
- How many more pupils prefer Blackpool than Torquay?
- How many less people prefer Scarborough than Brighton?

10

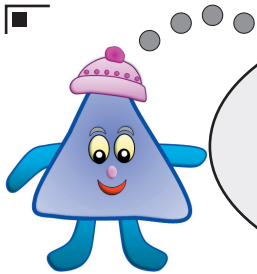
Brighton

13

14

8





Maths Homework
this week is about:

Drawing Bar Charts

Answers

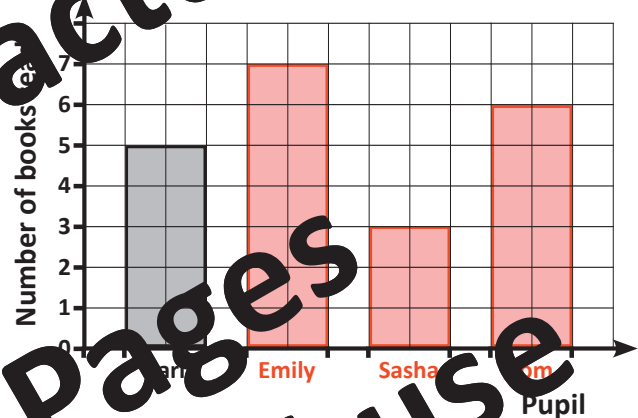
Date:

Teacher:

Year
3

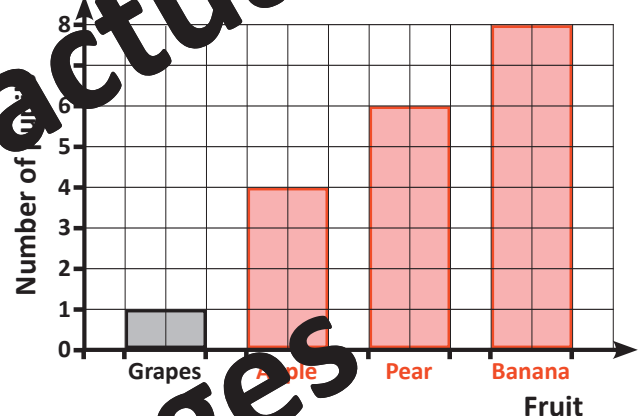
- (1) Complete the bar chart to show the number of books read by four pupils in a class last month.

Pupil	Number of books read
Carl	5
Emily	7
Sasha	3
Tom	6



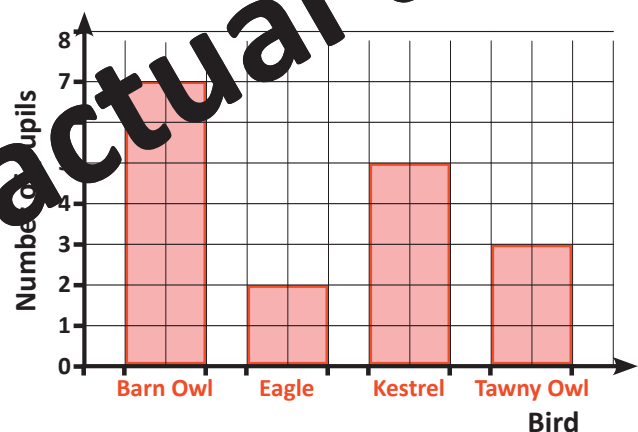
- (2) Complete the bar chart to show which fruits pupils ate at school for a snack one day.

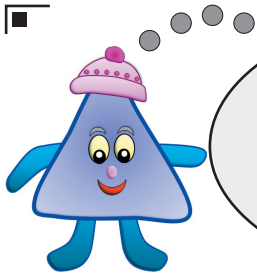
Fruit	Number of pupils
Grapes	1
Apple	4
Pear	6
Banana	8



- (3) Some pupils were asked their favourite bird after a visit to a bird sanctuary. Their answers are in the table below. Draw a bar chart to show their favourites.

Bird	Number of pupils
Barn Owl	7
Eagle	2
Kestrel	5
Tawny Owl	3





Maths Homework
this week is about:

Interpreting Bar Charts

Answers

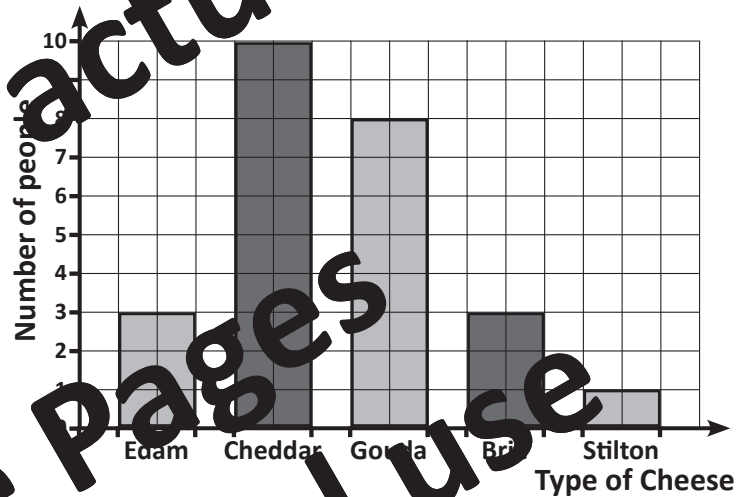
Date:

Teacher:

Year
3

Answer the questions about each bar chart.

- (1) Bar chart to show the favourite types of cheese of a group of people.



- (a) Which is the most popular type of cheese?
 (b) Which cheese is as equally popular as Edam?
 (c) How many people prefer Gouda?
 (d) How many people chose the least popular type of cheese?
 (e) How many more people prefer Cheddar than Edam?

Cheddar

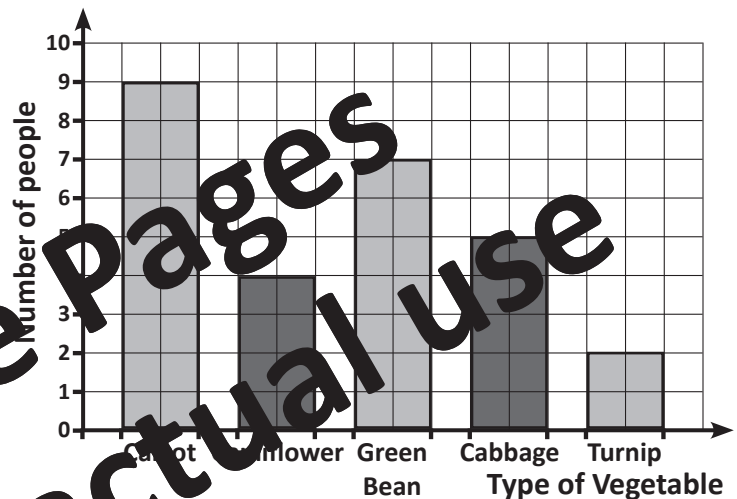
Brie

8

1

7

- (2) Bar chart to show the favourite vegetables for a group of people.



- (a) Which is the least popular vegetable?
 (b) How many people prefer Green Beans?
 (c) Which vegetable did exactly four people choose?
 (d) How many people chose the most popular vegetable?
 (e) How many more people prefer Cabbage than Turnip?

Turnip

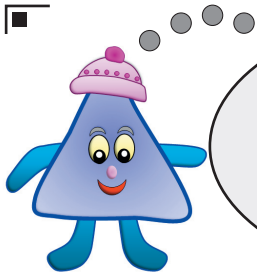
7

Cauliflower

9

3





Maths Homework
this week is about:

Information in Tables

Answers

Date:

Teacher:

Year
3

This table gives the number of different types of sweets in a large box.

Use the table to answer the questions below.

Type of Sweet	Number
Chocolate Block	36
Orange Creme	18
Mint Creme	21
Hazelnut Caramel	9
Almond Chocolate	24
Lemon Creme	17
Butter Fudge	33
Marzipan Chunk	14
Toffee Triangle	45
Chocolate Toffee	29

- (1) How many Almond Chocolates are there?

24

- (2) There are exactly 33 of which type of chocolate?

Butter Fudge

- (3) There are 24 more Chocolate Toffees than which other type of sweet?

Hazelnut Caramel

- (4) How many more Mint Cremes than Lemon Cremes are there?

4

- (5) How many Toffee Triangles are there?

45

- (6) How many fewer Marzipan Chunks than Chocolate Blocks are there?

22

- (7) There are exactly 18 of which type of sweet?

Orange Creme

- (8) How many more Toffee Triangles than Almond Chocolates are there?

21

- (9) How many fewer Lemon Cremes than Chocolate Toffees are there?

2

- (10) There are 22 more Chocolate Blocks than which type of sweet?

Marzipan Chunks

