

Name: _____

5-a-day

Silver



1st January

$606 + 2,525$

$$\begin{array}{r} 2525 \\ + 606 \\ \hline 3131 \end{array}$$

3131

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

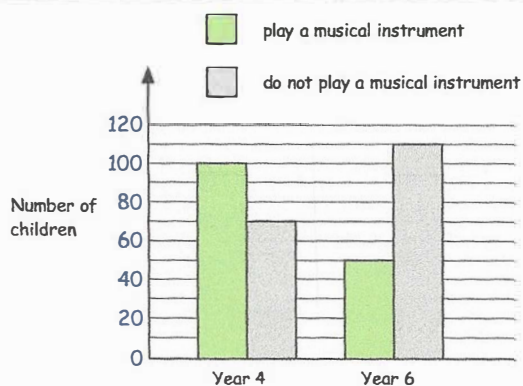
$$\frac{5}{7}$$

Round 3,541 to the nearest 100

3500

Round 3,541 to the nearest 1,000

4000

How many students are there in **total** in Year 4?

$$100 + 70 = 170$$

How many **more** Year 4 children than Year 6 children play a musical instrument?

$$100 - 50 = 50$$

50

Name: _____

5-a-day

Silver



2nd January

$$425 - 170$$

$$\begin{array}{r} 3 \\ 425 \\ - 170 \\ \hline 255 \end{array}$$

255

$$8 \times 44$$

$$\begin{array}{r} 44 \\ \times 8 \\ \hline 352 \\ 3 \end{array}$$

352

Arrange these numbers in order, starting with the largest

15,123 15,200 15,032 15,103

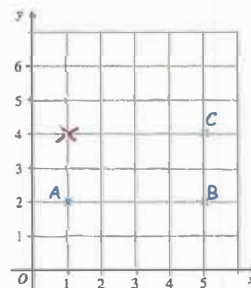
15,200, 15,123, 15,103, 15,032

15,200
15,123
15,103
15,032

Three points are shown on a grid. ABCD is a rectangle.

Write down the coordinates of the point D

(1,4)



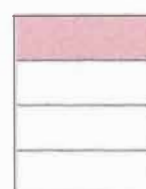
Two of the shapes have been shaded so that $\frac{1}{3}$ of the shape is pink.

Which shape has **not** been shaded $\frac{1}{3}$ pink?

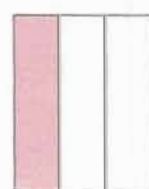
Shape B



Shape A



Shape B



Shape C

Name: _____

5-a-day

Silver



3rd January

$$3.4 + 5.8$$

$$\begin{array}{r} 3.4 \\ + 5.8 \\ \hline 9.2 \end{array}$$

9.2

$$16 \times 100$$

1600

Ben	☐ ☐ ☐ ☐ ☐
Cara	☐ ☐
Dylan	☐ ☐ ☐
Ellie	☐ ☐ ☐ ☐ ☐

Key ☐ = £10

How much money does Dylan have?

£25

Super Bowl LII will take place in 2018.

Write LII in **figures**

52

The numbers in this sequence increase by the same amount each time.

Find the missing numbers

58 73 88 103 118

Name: _____

5-a-day

Silver



4th January

$$\frac{1}{6} \text{ of } 78$$

$$\begin{array}{r} 13 \\ 6 \overline{) 78} \end{array}$$

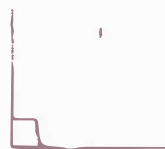
13

$$4,511 - 1,042$$

$$\begin{array}{r} 4511 \\ - 1042 \\ \hline 3469 \end{array}$$

3469

Draw a right angle



Work out the **difference** in height between the tallest and smallest mountains in the table.

$$\begin{array}{r} 4812 \\ - 1038 \\ \hline 3774 \end{array}$$

Mountain	Height
Mont Blanc	4,809 metres
Ben Nevis	1,334 metres
Carrauntoohil	1,038 metres
Mount Vancouver	4,812 metres

Ryan has these digit cards.

2

6

7

He makes a 1-digit and a 2-digit number.
He multiplies them together and the answer is a **multiple of 4**.

What could Ryan's multiplication be?

$$\begin{array}{c} \boxed{2} \times \boxed{7} \boxed{6} \\ \text{or} \\ \boxed{6} \times \boxed{7} \boxed{2} \end{array}$$

Name: _____

5-a-day

Silver



5th January

$$\boxed{3200} = 2,300 + 900$$

$$\begin{array}{r} 2300 \\ + 900 \\ \hline 3200 \end{array}$$

 3200

$$9 \times 62$$

$$\begin{array}{r} 62 \\ \times 9 \\ \hline 558 \end{array}$$

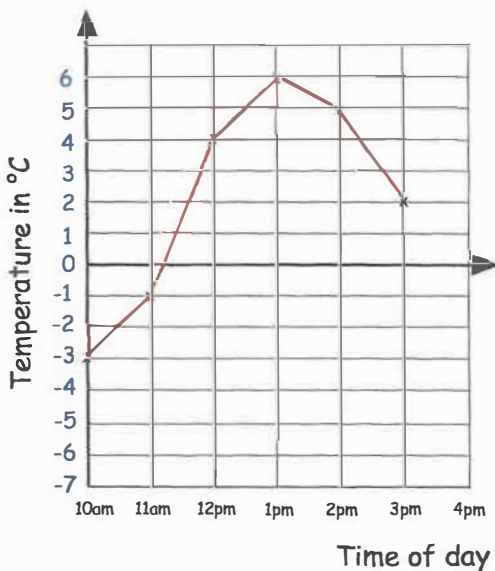
 558

A song lasts 3 minutes 37 seconds.

How long does the song last in seconds?

$$3 \times 60 = 180$$

$$\begin{array}{r} 180 \\ + 37 \\ \hline 217 \end{array}$$

 217 How many degrees **warm**er was it at 1pm than at 11am?

$$6 - -1 = 7$$

At 4pm the temperature was 5 degrees lower than at 3pm.

What was the temperature at 4pm?

$$2 - 5 = -3$$
$$-3^{\circ}\text{C}$$

Name: _____

5-a-day

Silver



6th January

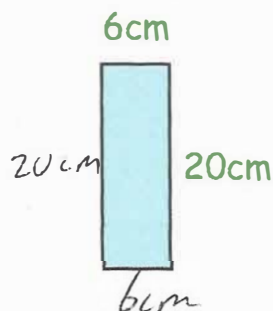
$$\begin{array}{r} 046 \\ 5 \overline{) 2230} \end{array}$$

46

$$\boxed{} - 200 = 3,859$$

$$\begin{array}{r} 3859 \\ + 1200 \\ \hline 4059 \end{array}$$

4,059



Work out the perimeter of the rectangle

$$20 + 6 + 20 + 6 = 52$$

$$52\text{cm}$$

Jamie has £56
 Anne has £12 less than Jamie £44
 Tom has twice as much money as Jamie
 £112

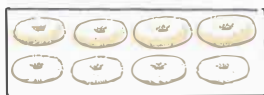
How much money do they all have in total?

$$56 - 12 = £44 \text{ (Annie)}$$

$$56 \times 2 = £112 \text{ (Tom)}$$

$$\begin{array}{r} 112 \\ 56 \\ 44 \\ \hline 212 \end{array}$$

8 Doughnuts per box



14 Cupcakes per box



Ruby buys 21 boxes of doughnuts 21×8
 She buys 4 boxes of cupcakes

Ruby says, "I have three times as many cupcakes than doughnuts."

Is she correct? Yes

$$\begin{array}{r} 21 \\ \times 8 \\ \hline 168 \end{array}$$

$$\begin{array}{r} 14 \\ \times 4 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 56 \\ 56 \\ 56 \\ \hline 168 \end{array}$$

Name: _____

5-a-day

Silver



7th January

$$123 \times 4$$

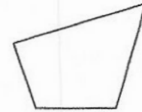
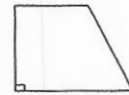
$$\begin{array}{r} 123 \\ \times 4 \\ \hline 492 \end{array}$$

492

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

 $\frac{3}{4}$

Circle the **quadrilateral** with exactly three acute angles



In a shop, 3 apples cost the same as 2 bananas

One banana costs 57p

How much does **one** apple cost?

38p



$$\begin{array}{r} 57 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 038 \\ 3 \overline{)114} \end{array}$$

Circle the number that is **10 times** greater than eight hundred and forty.

8,040 84 8,004 **8,400** 840

Name: _____

5-a-day

Silver



8th January

$$\begin{array}{r} 311 \\ 3 \cancel{8} 10 \\ - 1731 \\ \hline 2189 \end{array}$$

2189

 $\frac{2}{3}$ of 15

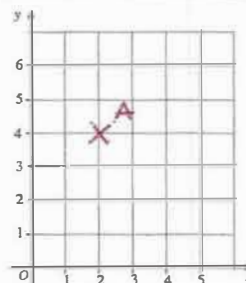
$$15 \div 3 = 5$$

$$5 \times 2 = 10$$

10

The point A has the coordinates (2, 4)

Plot the point A on the grid



The table shows the temperature at 5am on three days in May.

4th May	5th May	6th May
-6°C	3°C	-3°C

Work out the difference in temperature on the 4th May and the temperature on the 5th May

$$3 - -6 = 9$$

The temperature on 6th May was 6°C lower than on the 5th May.What was the temperature on the 6th May?

$$3 - 6 = -3$$

Name: _____

5-a-day

Silver



9th January

$4.3 - 0.5$

$$\begin{array}{r} 3 \\ 4.3 \\ - 0.5 \\ \hline 3.8 \end{array}$$

3.8

12×12

144

Write down the first five multiples of 9

 $9, 18, 27, 36, 45$ 

A clock shows this time twice a day

Tick the two digital clocks that show this time.

☐ 20:40☐ 08:40☒ 04:40☒ 16:40☐ 17:40

A group of friends earn £60 by selling lemonade.

They share the money **equally**

They get £12 each.

How many friends are in the group?

$60 \div 12 = 5$

5

Name: _____

5-a-day

Silver



10th January

$$1,058 + 461$$

$$\begin{array}{r} 1058 \\ + 461 \\ \hline 1519 \end{array}$$

1519

$$132 \div 6$$

$$\begin{array}{r} 22 \\ 6 \overline{)132} \\ \underline{12} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

22

Write 0.75 as a fraction

$$\frac{3}{4}$$

Write 0.5 as a percentage

50%

Rosie cuts **3 metres** of ribbon into **four** pieces.

The length of the first piece was 0.8m

The length of the second piece was 1.1m

The length of the third piece was 0.2m

Work out the length of the fourth piece

$$\begin{array}{r} 0.8 \\ 1.1 \\ 0.2 \\ \hline 2.1 \end{array} \quad \begin{array}{r} 2 \\ 3.0 \\ - 2.1 \\ \hline 0.9 \end{array}$$

0.9m

On Wednesday, James slept for $\frac{3}{8}$ of the day.

For how many hours was James awake?

15 hours

Awake for $\frac{5}{8}$

$$24 \div 8 = 3$$

$$3 \times 5 = 15$$

Name: _____

5-a-day

Silver



11th January

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

$$5 \times 6 \times 9 \times 2$$

$$\frac{2}{5}$$

$$540$$

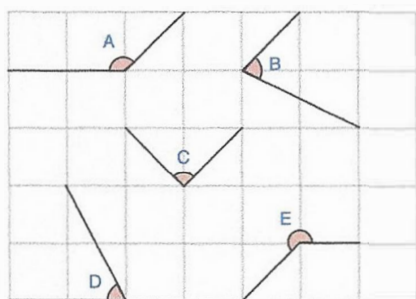
A sweet costs 7p.

How many sweets can be bought for £1.12?

$$£1.12 = 112p$$

$$\begin{array}{r} 016 \\ 7 \overline{) 112} \end{array}$$

$$16$$



Write down the letters of the angles that are acute

B and D

Write down the letter of the angle that is obtuse

A

Write down the letter of the angle that is a right angle

C

Name: _____

5-a-day

Silver



12th January

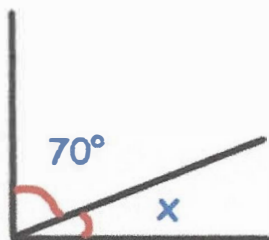
$$60,000 - 600$$

$$\begin{array}{r} 59 \\ 60,000 \\ - 600 \\ \hline 59,400 \end{array}$$

59400

$$20 \times 100$$

2000



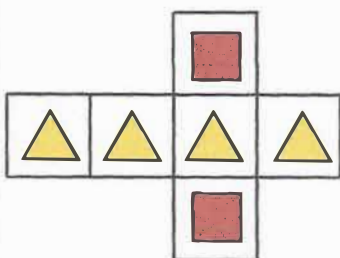
Shown is a right angle

Calculate the size of angle x

$$\begin{array}{r} 90 \\ - 70 \\ \hline 20 \end{array}$$

$$x = 20$$

Total of 63



← Total of 76

Each shape stands for a number.

Work out the value of each shape

$$76 \div 4 = 19$$

$$\begin{array}{r} 5 \\ 63 \\ - 19 \\ \hline 44 \end{array}$$

$$44 \div 2 = 22$$

$$\triangle = 19$$

$$\square = 22$$

Name: _____

5-a-day

Silver



14th January

$$\begin{array}{r} 253 \\ \times \quad 3 \\ \hline 759 \end{array}$$

759

$$\begin{array}{r} 076 \\ 4 \overline{) 3304} \\ \underline{12} \\ 20 \\ \underline{16} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

76

What type of triangle is shown?

Isosceles



At 9am, there were 812 cars in a car park.

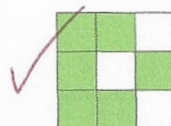
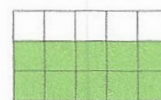
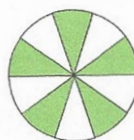
By 10am,

37 cars had left the car park

151 cars had entered the car park

How many cars are there in the car park at 10am?

$$\begin{array}{r} 710 \\ 812 \\ - 37 \\ \hline 775 \end{array} \quad \begin{array}{r} 775 \\ + 151 \\ \hline 926 \end{array} \quad 926$$

Tick the two shapes that have $\frac{2}{3}$ shaded

Name: _____

5-a-day

Silver



15th January

$$309 + 155 + 820$$

$$\begin{array}{r} 309 \\ 155 \\ + 820 \\ \hline 1284 \end{array}$$

1284

$$14 \times 3 = 2 \times$$

21

$$14 \times 3 = 42$$

$$42 \div 2 = 21$$

21

Write the number twelve thousand, six hundred and two in figures

Twelve thousand six
hundred and two
↓
12,602

Laura is saving money to buy a guitar.

The guitar costs £120

So far Laura has saved £76.81

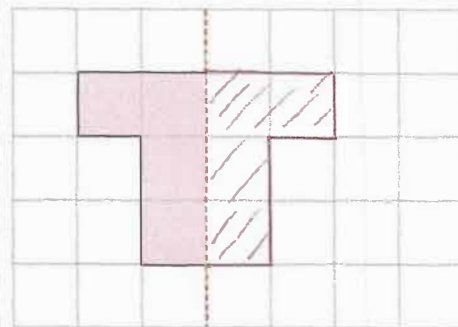
How much **more** money does Laura need?

$$\begin{array}{r} 120.00 \\ - 76.81 \\ \hline 43.19 \end{array} \quad \text{£}43.19$$

Part of a shape is shown on the grid

The shape has one line of symmetry

Complete the shape



Name: _____

5-a-day

Silver



16th January

$$\frac{3}{4} \text{ of } 24$$

$$24 \div 4 = 6$$

$$6 \times 3 = 18$$

18

$$11 \times 12$$

132

2936 people visited a library last week.

Round this number to the nearest 10.

2940

4761 people visited a museum last week.

Round this number to the nearest 100.

4800

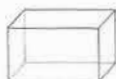
Square-based pyramid



Triangular prism



Cuboid



Triangular-based pyramid



Which shape has the most vertices?

Cuboid

In 2017 the 22nd June was a ThursdayWhat day was the 3rd July 2017?

Monday

Name: _____

5-a-day

Silver



17th January

$$\frac{7}{8} - \frac{1}{8}$$

$$\frac{7}{8} - \frac{1}{8} = \frac{6}{8} = \frac{3}{4}$$

$$\frac{6}{8} = \frac{3}{4}$$

$$9,090 - 201$$

$$\begin{array}{r} 8 8 \\ 9 9 \\ - 2 1 \\ \hline 8 8 9 \end{array}$$

$$8889$$

Write the number 15,106 in words

Fifteen Thousand One
Hundred and Six.



The thermometer shows the temperature
at 4am in a town.

The temperature increase by 8°C by 10am

What is the temperature at 10am?

$$-3 + 8 = 5$$

$$\underline{5^{\circ}\text{C}}$$

Kali is doing sit-ups

She does 7 sit-ups every ten seconds.

How many sit-ups does she do in two
minutes?

$$\underline{7 \times 12 = 84}$$

Name: _____

5-a-day

Silver



18th January

$$952 + 100$$

$$\begin{array}{r} 952 \\ + 100 \\ \hline 1052 \end{array}$$

1052

$$246 \div 3$$

$$\begin{array}{r} 082 \\ 3 \overline{)246} \\ \underline{3} \\ 24 \\ \underline{24} \\ 0 \end{array}$$

82

$$4,730 \times 10$$

Write down the value of the 7 in the answer.

7000

$$4730 \times 10 = 47300$$

James earns £8 per hour.
He works 14 hours in one week.

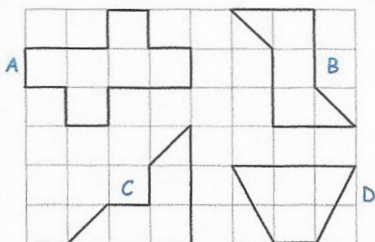
He gives $\frac{1}{4}$ of his pay to his sister.

How much does he give to his sister?

£28

$$\begin{array}{r} 14 \\ \times 8 \\ \hline 112 \end{array}$$

$$\begin{array}{r} 028 \\ 4 \overline{)112} \\ \underline{4} \\ 11 \\ \underline{8} \\ 32 \\ \underline{32} \\ 0 \end{array}$$



Which two shapes have a line of symmetry?

C and D

Name: _____

5-a-day

Silver



19th January

$$904 - 46$$

$$\begin{array}{r} 904 \\ - 46 \\ \hline 858 \end{array}$$

858

1004

$$= 739 + 265$$

$$\begin{array}{r} 739 \\ + 265 \\ \hline 1004 \end{array}$$

1004

An assembly hall has 20 rows.
Each row has 14 chairs.

During an assembly there are 27 seats
empty.

Work out how many people went to the
assembly

253

$$20 \times 14 = 280$$

$$\begin{array}{r} 280 \\ - 27 \\ \hline 253 \end{array}$$

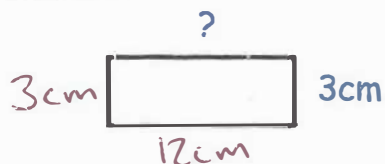
£4.75 each



Find the cost of 6 teddy bears

$$\begin{array}{r} 4.75 \\ \times 6 \\ \hline 28.50 \end{array}$$

£28.50



The perimeter of the rectangle is 30cm.
Work out the length of the rectangle.

$$3 + 3 = 6$$

$$30 - 6 = 24$$

$$24 \div 2 = \underline{12\text{cm}}$$

Name: _____

5-a-day

Silver



20th January

$$115 \div 5$$

$$\begin{array}{r} 023 \\ 5 \overline{)115} \end{array}$$

23

$$190 + 10 = 230 - 30$$

$$\begin{array}{r} 230 - 30 \\ = 200 \end{array}$$

$$200 - 10 = 190$$

190

Trevor runs a half marathon.

He started at 09:25

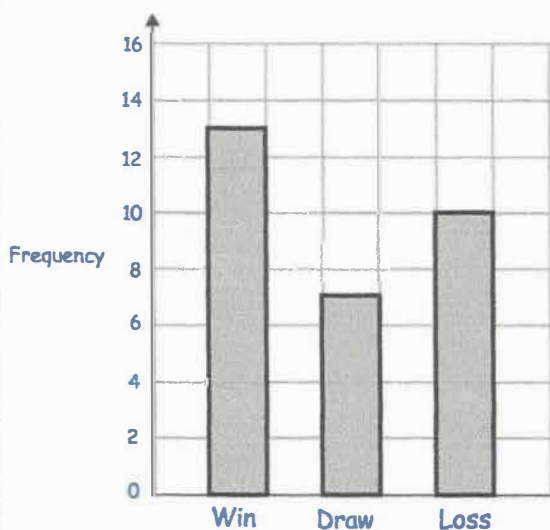
He ran for 135 minutes

What time did he finish?

11:40

$$135 \text{ mins} = 2 \text{ hr } 15 \text{ mins}$$

11:40



How many matches did the football team win?

13

A win is worth 3 points.

A draw is worth 1 point.

How many points did the team get in total?

$$\begin{array}{r} 13 \times 3 = 39 \\ 7 \times 1 = 7 \\ \hline 46 \end{array}$$

Name: _____

5-a-day

Silver

**21st January**

$$92 \div 4$$

$$\begin{array}{r} 23 \\ 4 \overline{)92} \\ \underline{8} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

23

$$245 \times 3$$

$$\begin{array}{r} 245 \\ \times 3 \\ \hline 735 \end{array}$$

735

728 people went to a rugby match.

Tickets were £5 each.

How much money was paid in total?

£3640

$$\begin{array}{r} 728 \\ \times 5 \\ \hline 3640 \end{array}$$

April				
M	5	12	19	26
T	6	13	20	27
W	7	14	21	28
T	1	8	15	22
F	2	9	16	23
S	3	10	17	24
S	4	11	18	25

May				
M	3	10	17	24
T	4	11	18	25
W	5	12	19	26
T	6	13	20	27
F	7	14	21	28
S	1	8	15	22
S	2	9	16	23

What **day** of the week is May 20th?

Thursday

What **date** is the 3rd Tuesday in April?20th April

Jordan works every Monday, Tuesday and Friday.

How many days does Jordan work in May?

13

Name: _____

5-a-day

Silver



22nd January

$$51 \times 8$$

$$\begin{array}{r} 51 \\ \times 8 \\ \hline 408 \end{array}$$

408

$$30 \times 60 \times 10$$

$$30 \times 60 = 1800$$

$$1800 \times 10 = 18000$$

18000

David drives 4.8 miles to Bristol and then he drives to Bath.

In total he drives 11.5 miles.

Work out the distance from Bristol to Bath

6.7 miles

$$\begin{array}{r} 11.5 \\ - 4.8 \\ \hline 6.7 \end{array}$$

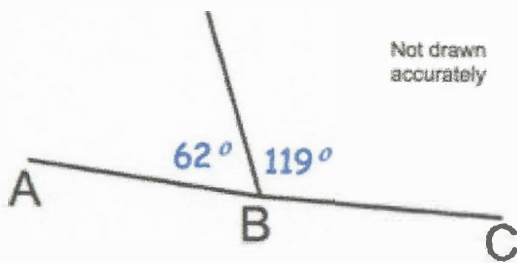
Write one number in each box

One is done for you

	multiple of 7	not a multiple of 7
multiple of 6	42	24
not a multiple of 6	7	3

could be
14, 21, 28, 35, 49...

Any number
not in 6 or 7
times table



Benny says the line AC is a straight line.

Why is he incorrect?

$$119 + 62 = 181$$

Angles in a straight line add up to 180°

Name: _____

5-a-day

Silver



23rd January

100×382

38200

$8.2 + 0.7$

$$\begin{array}{r} 8.2 \\ + 0.7 \\ \hline 8.9 \end{array}$$

8.9

At a football match there are 2,942 Rover fans and 9,381 City fans.

How many more fans did City have?

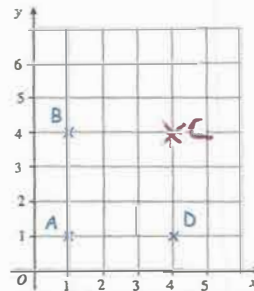
6439

$$\begin{array}{r} 9381 \\ - 2942 \\ \hline 6439 \end{array}$$

Three points are shown on a grid. ABCD is a square.

Plot the point C

(4, 4)

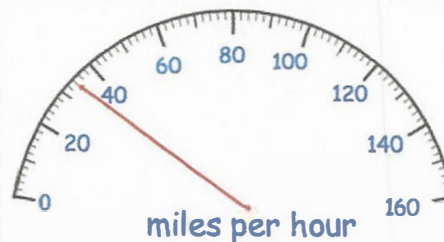


The speedometer shows the speed a car is travelling.

The car joins the motorway and its speed increases by 25 miles per hour.

What speed is the car travelling on the motorway?

$34 + 25 = 59$



Name: _____

5-a-day

Silver



24th January

$$\frac{4}{11} + \frac{2}{11}$$

$$\frac{6}{11}$$

$$544 - 155$$

$$\begin{array}{r} 413 \\ 844 \\ - 155 \\ \hline 389 \end{array}$$

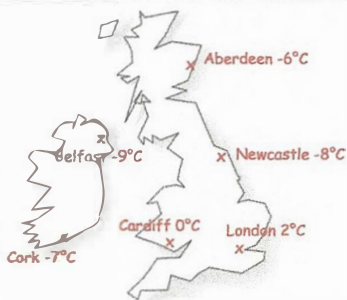
$$389$$

Write 0.25 as a percentage

25%

Write 75% as a fraction

$$\frac{3}{4}$$



What is the difference in temperature between London and Aberdeen?

$$2 - -6 = 8$$

River	Length in kilometres
Nile	6,853
Thames	346
Mississippi	3,734

This table shows the lengths of three rivers

How much longer is the Nile than the combined lengths of the other two rivers?

$$\begin{array}{r} 3734 \\ + 346 \\ \hline 4080 \end{array}$$

$$\begin{array}{r} 6853 \\ - 4080 \\ \hline 2773 \end{array}$$

$$\underline{2773}$$

Name: _____

5-a-day

Silver



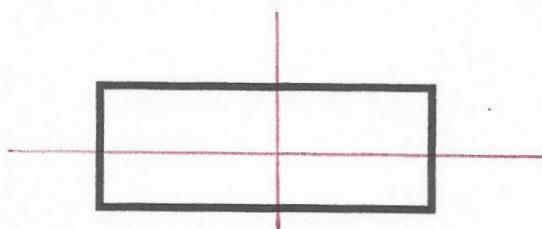
25th January

$$\begin{array}{r} 2018 \\ + 992 \\ \hline 3010 \\ \text{1 1 1} \end{array}$$

3010

$$\begin{array}{r} 191 \\ \times 5 \\ \hline 955 \\ + \end{array}$$

955



On the rectangle, draw all the lines of symmetry

1 kilometre = metres1 metre = centimetres1 kilogram = grams

I think of a number

I **double** my number, then I **double again**.I then **add 40**.

The answer is 424.

What is my number?

$$424 - 40 = 384$$

$$384 \div 2 = 192$$

$$192 \div 2 = 96$$

96

Name: _____

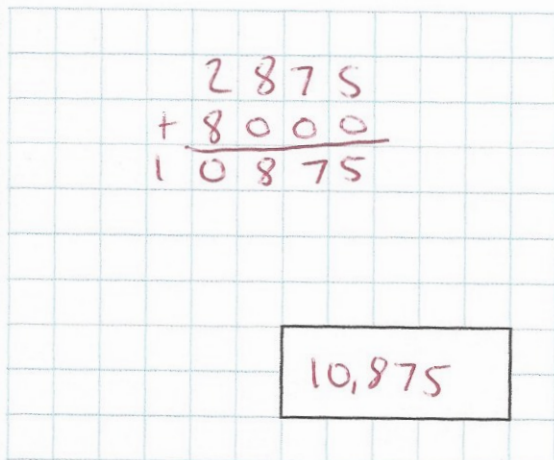
5-a-day

Silver

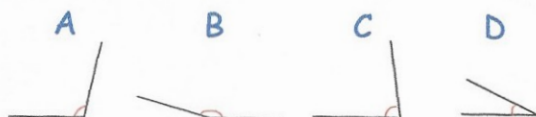
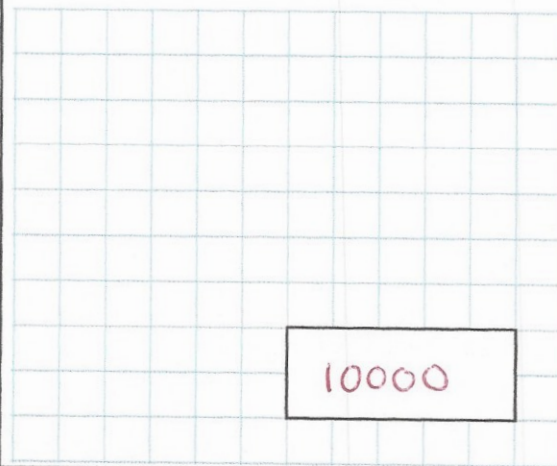


26th January

$$2,875 + 8,000$$



$$10 \times 1000$$



Which angle is 100° ?

A

Key ○ represents 4 books

Romance	○ ○
Crime	○ ◐
Horror	○ ◑
Factual	◐

The pictogram shows the number of books Gail read last year.

How many horror books did Gail read?

6

How many books did Gail read in total?

$$8 + 5 + 6 + 3 = 22$$

22

Name: _____

5-a-day

Silver



27th January

$5 - 7$

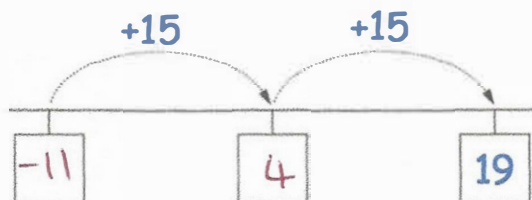
-2

$\frac{3}{5} \text{ of } 35$

$35 \div 5 = 7$

$7 \times 3 = 21$

21

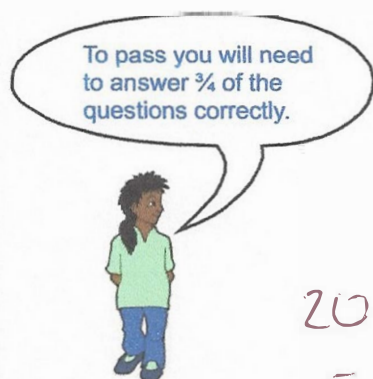


Find the missing numbers

$19 - 15 = 4$

$4 - 15 = -11$

Mrs Johnson set 6 students a test.
The test has 20 questions



$$20 \div 4 = 5$$
$$5 \times 3 = 15$$

The results were:

Alan	14
Barry	16
Carl	13
Donna	19
Emma	20
Fiona	10

Which students passed the test?

Barry, Donna, Emma

Name: _____

5-a-day

Silver



28th January

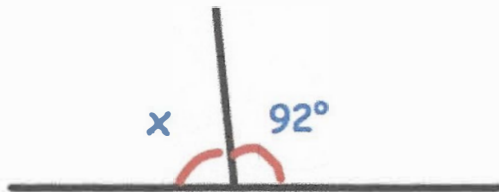
$$115 - 84$$

$$\begin{array}{r} 0 \\ 115 \\ - 84 \\ \hline 31 \end{array}$$

31

$$480 \div 8$$

60



Calculate the size of angle x

$$\begin{array}{r} 017 \\ 180 \\ - 92 \\ \hline 88 \end{array}$$

$$x = 88$$

A supermarket sells batteries in packs of 2 and packs of 4.

£1.75



2 pack

£2.60



4 pack

How much does Megan pay for her 10 batteries?

$$\begin{array}{r} 1.75 \\ \times 5 \\ \hline 8.75 \end{array}$$

£8.75

Megan and Elise want 10 batteries each.

Megan buys 5 packs of two batteries

Elise buys 2 packs of four batteries and 1 pack of two batteries

How much less money does Elise pay than Megan?

$$\begin{array}{r} 2.60 \\ 2.60 \\ 1.75 \\ \hline 6.95 \end{array}$$

$$\begin{array}{r} 8.75 \\ - 6.95 \\ \hline 1.80 \end{array}$$

£1.80

Silver


$$108 \div 9$$

3960

12

C

$$\begin{array}{r} \boxed{4} \ 1 \ \boxed{7} \\ \times \quad \quad \quad 5 \\ \hline 2 \ 0 \ 8 \ 5 \end{array}$$

Mirror Line

Name: _____

5-a-day

Silver



30th January

$$29 + 29 + 29 + 29$$

$$\begin{array}{r} 29 \\ 29 \\ 29 \\ 29 \\ \hline 116 \\ 3 \end{array}$$

116

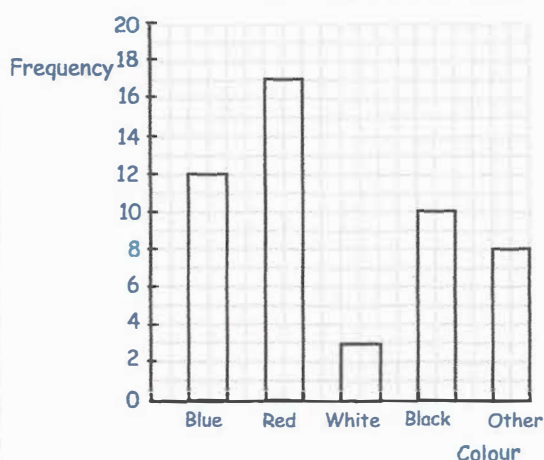
$$\frac{7}{10} \text{ of } 20$$

$$20 \div 10 = 2$$

$$2 \times 7 = 14$$

14

Colours of cars in the school car park



How many white cars are in the school car park?

3

Jack says there are 10 green cars in the school car park.
Is he correct?

No

There is no category
for green

Ed buys three ice creams
He pays with a £5 note.

This is his change



Work out the cost of one ice cream

$$5 - 0.95 = 4.05$$

$$\begin{array}{r} 1.35 \\ 3 \overline{) 4.05} \end{array}$$

£1.35

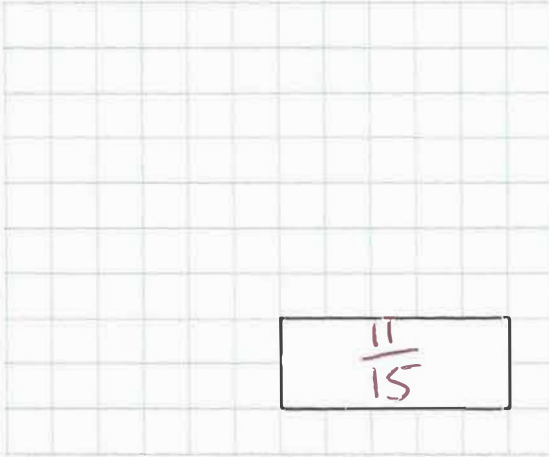
Name: _____

5-a-day

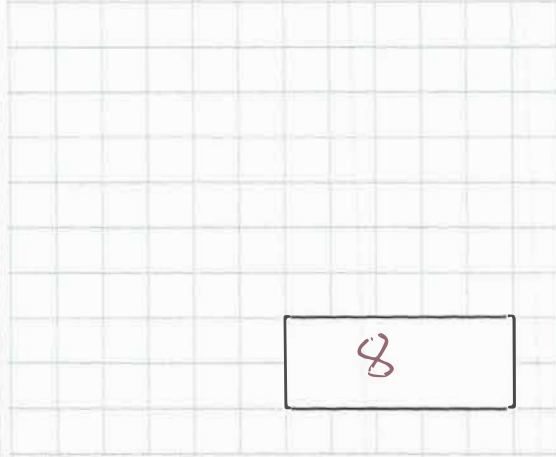
Silver

**31st January**

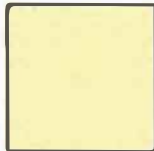
$$\frac{4}{15} + \frac{7}{15}$$



$$160 \div 20$$



15cm



Work out the perimeter of the square

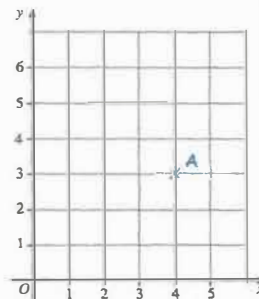
$$15 + 15 + 15 + 15 = 60$$

60cm

The point A is plotted on the grid

Write down the coordinates of the point A

(4, 3)



Helen chooses a number

She multiplies it by 3 and then adds 15

Her answer is 75.

What was the number she started with?

$$75 - 15 = 60$$

$$60 \div 3 = 20$$

20