

Name: \_\_\_\_\_

5-a-day

Silver



1st August

$$\frac{3}{8} + \frac{4}{8}$$

$$\frac{7}{8}$$

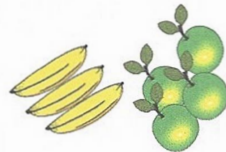
$$80 \times 60$$

$$4800$$

3 bananas cost £0.96  
4 apples cost £1.12

How much **more** does one banana cost than one apple?

4p



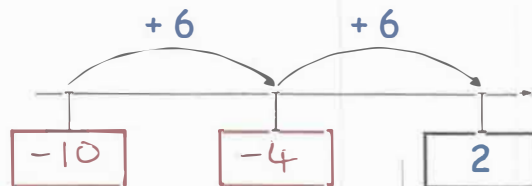
$$96 \div 3 = 32$$

$$112 \div 4 = 28$$

$$32 - 28 = 4$$

Here is part of a number line

Write missing numbers in the boxes



Find the two missing digits in this multiplication

$$\begin{array}{r} 4 \square \\ \times \quad 6 \\ \hline \square 9 4 \end{array}$$

Name: \_\_\_\_\_

5-a-day

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2nd August

$600 \div 20$

$$\begin{array}{r} 030 \\ 20 \overline{)600} \end{array}$$

30

$12 \times 12 \times 3$

$12 \times 12 = 144$

$$\begin{array}{r} 144 \\ \times 3 \\ \hline 432 \\ \phantom{00} \\ \phantom{00} \end{array}$$

432

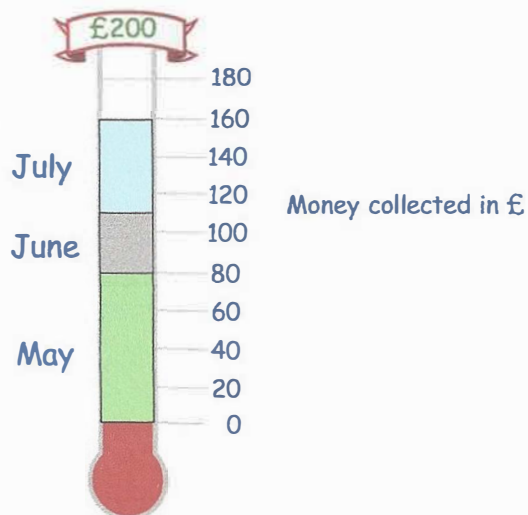
Look at this number.

2,164.9

Write the **digit** that is in the tenths place

9

A youth club plans to collect £200 between the start of May and end of August.



How much money does the youth club need to collect in August to reach £200?

$200 - 160 = 40$

£40

How much money was collected in May?

£80

Name: \_\_\_\_\_

5-a-day

Silver



3rd August

$\frac{3}{7}$  of 21

$$21 \div 7 = 3$$

$$3 \times 3 = 9$$

9

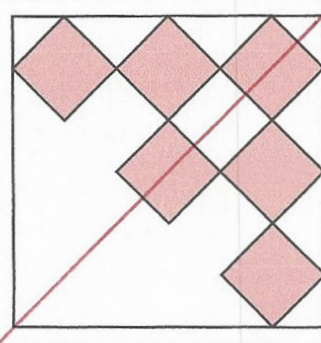
$10,000 - 2,800$

$$\begin{array}{r} 9 \\ \times 10'000 \\ - 2800 \\ \hline 7200 \end{array}$$

7200

This square tile has a symmetrical pattern

Draw the line of symmetry on it



The numbers in this sequence increase by 35 each time.

20 55 90 125 160 195

The sequence continues in the same way

Which number will be **closest to 250**?

230 265

265

Here is a diagram for sorting numbers

Write one number in each box

One is done for you

	multiple of 8	not a multiple of 8
multiple of 7	56	28
not a multiple of 7	8	1



4th August

6,770 + 247

Handwritten addition on grid paper:

$$\begin{array}{r} 6770 \\ + 247 \\ \hline 7017 \end{array}$$

Answer box: 7017

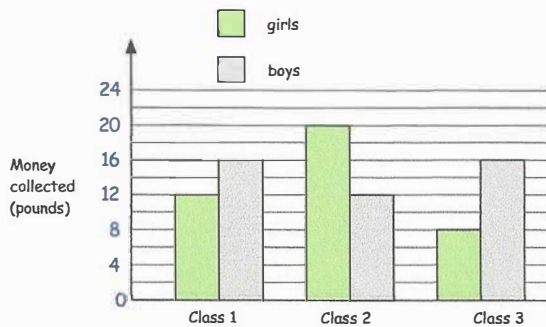
Handwritten division on grid paper:

$$5 \overline{) 7205} \begin{array}{l} 141 \\ \underline{5} \phantom{0} \\ 20 \phantom{0} \\ \underline{20} \phantom{0} \\ 05 \\ \underline{05} \\ 0 \end{array}$$

Answer box: 141

Three classes at a primary school collected some money for charity.

The chart shows how much money the boys and girls collected.



In class 1, how much more money did the boys collect than the girls?

Handwritten calculation:

$$16 - 12 = 4$$

£4

How many classes collect more than £30?

Handwritten calculations:

$$16 + 12 = 28 \text{ X}$$

$$20 + 12 = 32 \text{ ✓}$$

$$8 + 16 = 24$$

Answer box: 1

Tie

1 for £7.50

Socks

2 pairs for £4.99

Trainers

1 pair for £13

Nicole buys 4 pairs of socks. She pays with a £20 note.

How much change does she get?

Handwritten calculations:

$$4 \times 4.99 = 19.96$$

$$20.00 - 19.96 = 10.02$$

£10.02



5th August

$$531 \times 3$$

$$\begin{array}{r} 531 \\ \times 3 \\ \hline 1593 \end{array}$$

1593

$$\frac{2}{3} \text{ of } 27$$

$$27 \div 3 = 9$$

$$9 \times 2 = 18$$

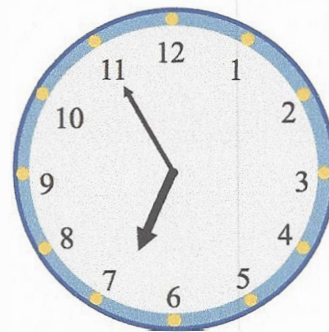
18

Freddie begins watching a movie at the time shown on the clock.

The movie lasts 125 minutes.

What time does the movie end?

9:00



Charlotte has these digit cards



She makes a 3-digit number and **divides** it by a 1-digit number. Her answer is a **whole number less than 100**.

What could Charlotte's division be?

$$354 \div 6$$

Work out how much taller **Mont Blanc** is than the combined height of **Ben Nevis** and **Carrauntoohil**

$$\begin{array}{r} 1334 \\ + 1038 \\ \hline 2372 \\ 1 \\ \hline 2437 \end{array}$$

$$\begin{array}{r} 71 \\ 4809 \\ - 2372 \\ \hline 2437 \\ \hline 2437\text{m} \end{array}$$

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

Name: \_\_\_\_\_

5-a-day

Silver



6th August

$$705 + 608 + 222$$

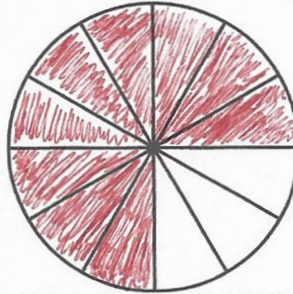
$$\begin{array}{r} 705 \\ 608 \\ +222 \\ \hline 1535 \end{array}$$

1535

$$80 \times 100$$

8000

Shade  $\frac{3}{4}$  of the circle



At the start of the week, a greengrocer had 2,968 apples.

During the week,

- 1,009 more apples were delivered
- 2,771 apples were sold

How many apples were left at the end of the week?

$$\begin{array}{r} 2968 \\ -2771 \\ \hline 197 \end{array}$$



$$\begin{array}{r} 197 \\ +1009 \\ \hline 1206 \end{array}$$

1206

A stack of 10 identical boxes is 150cm tall

Jake removes 7 boxes.

How tall is the stack now?

$$10 - 7 = 3$$

$$3 \times 15 = 45$$

$$150 \div 10 = 15\text{cm}$$

$$1 \text{ box} = 15\text{cm}$$

$$\underline{45\text{cm}}$$



150cm

Name: \_\_\_\_\_

5-a-day

Silver



7th August

$$\frac{4}{5} - \frac{2}{5}$$

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

$$4 \times 9 \times 10 \times 10$$

$$3600$$

6 years =  months

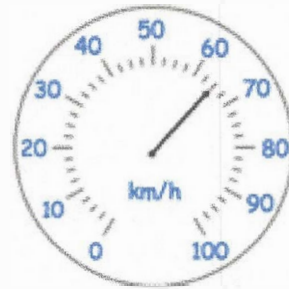
48 hours =  days

91 days =  weeks

The speed limit is 90 kilometres per hour.

How many kilometres per hour slower than the speed limit is the car travelling?

$$\begin{array}{r} 90 \\ - 65 \\ \hline 25 \end{array}$$



Georgina uses these digit cards

She multiplies them together

Her answer is a **multiple of 4**

What could Georgina's multiplication be?

$$\boxed{3} \times \boxed{76}$$

Name: \_\_\_\_\_

5-a-day

Silver



8th August

$$1,126 + 844$$

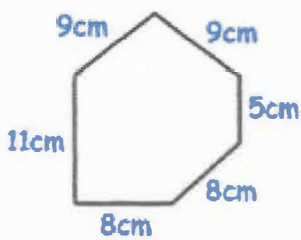
$$\begin{array}{r} 1126 \\ + 844 \\ \hline 1970 \end{array}$$

1970

$$720 \div 4$$

$$\begin{array}{r} 180 \\ 4 \overline{)720} \end{array}$$

180



Not drawn to scale

Find the perimeter of this hexagon

$$11 + 8 + 9 + 9 + 5 + 8 = 50 \text{ cm}$$



8 scarves cost £96



4 scarves and 1 hat cost £65

What is the cost of 1 scarf?

$$96 \div 8 = 12$$

£12

Find the size of angle w

$$\begin{aligned} 51 + 74 &= 125 \\ 180 - 125 &= 55 \\ w &= 55^\circ \end{aligned}$$





Name: \_\_\_\_\_

5-a-day

Silver



9th August

$8.8 + 3.7$

$$\begin{array}{r} 8.8 \\ + 3.7 \\ \hline 12.5 \\ \end{array}$$

12.5

$11 \times 11$

121

What measurement is shown on the scale?

75 ml



River	Length in kilometres
Amazon	6,992
Mississippi	3,734
Rhine	1,233

How much longer is the Amazon than the combined length of the other two rivers?

$$\begin{array}{r} 6992 \\ - 4967 \\ \hline 2025 \end{array}$$

2025 km

Write these numbers in order of size, starting with the **largest**.

1.25   1.4   1.19   1.2

1.4, 1.25, 1.2, 1.19

Name: \_\_\_\_\_

5-a-day

Silver



10th August

$$\frac{7}{15} + \frac{1}{15}$$

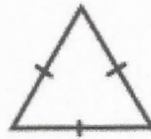
Grid area for the first problem. A box at the bottom contains the handwritten answer  $\frac{8}{15}$ .

$$\boxed{2075} - 675 = 1,400$$

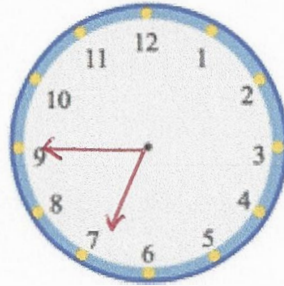
Grid area for the second problem. A handwritten addition shows  $1400 + 675 = 2075$ . A box at the bottom contains the handwritten number 2075.

What type of triangle is shown?

Equilateral



Show 18:45 on the clock



Here is a multiplication grid

Find the three missing numbers

×	12	13
9	108	117
6	72	78

Name: \_\_\_\_\_

5-a-day

Silver



11th August

$9 \times 33$

$$\begin{array}{r} 33 \\ \times 9 \\ \hline 297 \\ \phantom{2} \end{array}$$

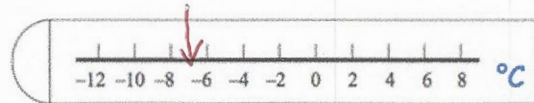
297

$650 - 175$

$$\begin{array}{r} 514 \\ 680 \\ - 175 \\ \hline 475 \end{array}$$

475

Show the temperature  $-7^{\circ}\text{C}$  on the thermometer with an arrow



At a concert, each drink costs 60p.

Noah buys 6 drinks and pays with a £5 note.

How much change does he get?

£1.40

60p

60 x 6 = 360

$$\begin{array}{r} \text{£}5.00 \\ - 360 \\ \hline 1.40 \end{array}$$

Jack is 1.6 metres tall

Write this height in centimetres

160cm



Name: \_\_\_\_\_

5-a-day

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12th August

$$\begin{array}{r} 234 \\ 3482 \\ - 1884 \\ \hline 1568 \end{array}$$

1568

$$50.1 - 2.8$$

$$\begin{array}{r} 49 \\ 80.1 \\ - 2.8 \\ \hline 47.3 \end{array}$$

47.3

Round 5267 to the nearest 1000.

5000

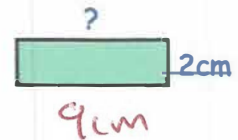
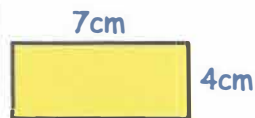


Both rectangles have the same perimeter.  
Find the length of the blue rectangle

$$7 + 4 + 7 + 4 = 22$$

$$22 - 4 = 18$$

$$18 \div 2 = 9$$



Three blocks are placed together

Find the total length of the three blocks

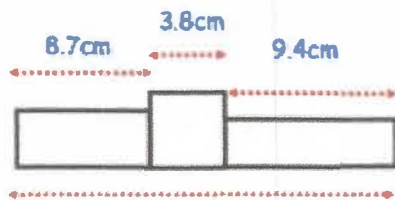
$$8.7$$

$$3.8$$

$$9.4$$

$$\hline 21.9$$

21.9cm



21.9cm

Name: \_\_\_\_\_

5-a-day

Silver



13th August

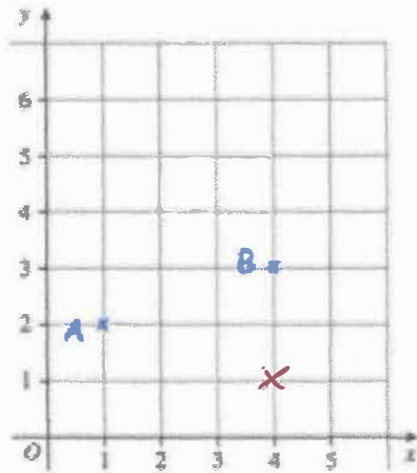
$$1,390 - 480$$

$$\begin{array}{r} 1390 \\ - 480 \\ \hline 910 \end{array}$$

910

$$\begin{array}{r} 234 \\ \times 4 \\ \hline 936 \end{array}$$

936



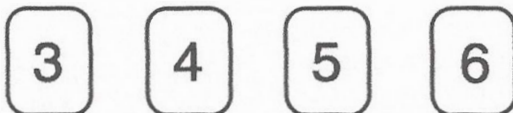
Write down the coordinates of the point B

(4, 3)

ABC is an isosceles triangle.

Write down what the coordinates of point C could be.

(4, 1)



Here are four digit cards

Make the smallest possible three digit **even** number

346

Name: \_\_\_\_\_

5-a-day

Silver



14th August

$$1 \times 3 \times 5 \times 7 \times 9$$

Handwritten calculations on a grid:

$$\begin{array}{r}
 1 \times 3 = 3 \\
 3 \times 5 = 15 \\
 15 \times 7 = 105 \\
 105 \\
 \times 9 \\
 \hline
 945
 \end{array}$$

The final result, 945, is boxed.

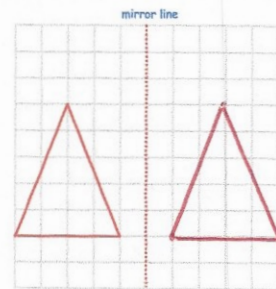
$$60,000 \div 10$$

Handwritten calculation on a grid:

$$6000$$

The result, 6000, is boxed.

Reflect the triangle in the mirror line



This pictogram shows how much time Peter spent revising last week.

How much time did Peter spend revising in total?

$$4 + 6 + 3 + 4 = 17$$

Key ○ = 2 hours

Monday	○ ○
Tuesday	○ ○ ○
Wednesday	○ ◐
Thursday	○ ○

The temperature in Sheffield is 4°C.

The temperature in Mansfield is 9°C colder.

What is the temperature in Mansfield?

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

$$4 - 9 = -5$$

Name: \_\_\_\_\_

5-a-day

Silver



15th August

$$50,000 - 900$$

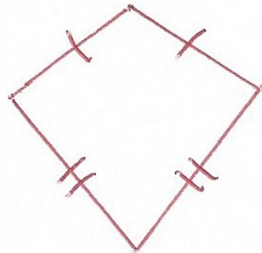
$$\begin{array}{r} 49 \\ 50,000 \\ - 900 \\ \hline 49,100 \end{array}$$

49100

$$\begin{array}{r} 038 \\ 6 \overline{) 22248} \end{array}$$

38

Draw a kite



Draw a trapezium



Location	Elevation
Georgetown	-2 metres
Amsterdam	-1 metre
Paris	34 metres
New Orleans	-2 metres
Salton City	-38 metres
Dublin	8 metres

List the cities that are below sea-level, 0 metres.

Georgetown  
Amsterdam  
New Orleans  
Salton City

Which city has the lowest elevation?

Salton city

How many metres **higher** than Georgetown is Dublin?

$$8 - (-2) = \underline{10}$$

Name: \_\_\_\_\_

5-a-day

Silver



16th August

$13 \times 100$

1300

$360 \div 4 = 15 \times 6$

$$\begin{array}{r} 15 \\ \times 6 \\ \hline 90 \\ 3 \end{array} \quad \begin{array}{r} 90 \\ \times 4 \\ \hline 360 \end{array}$$

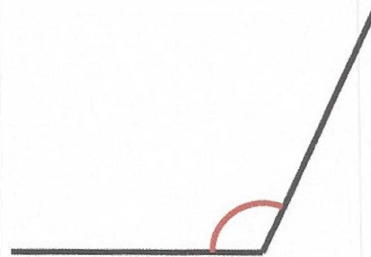
360

Complete the table

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{3}{4}$	0.75	75%

What type of angle is shown?

Obtuse



Find the size of angle y

$$\begin{array}{r} 180 \\ -125 \\ \hline 55 \end{array} \quad y = 55$$





Name: Answers

5-a-day

Silver



17th August

$$15.6 + 14.7$$

$$\begin{array}{r} 15.6 \\ + 14.7 \\ \hline 30.3 \end{array}$$

30.3

$$7 - 10$$

-3

This table shows the number of people who travelled to Bristol, London or Portsmouth from a train station.

	Thursday	Friday	Saturday
Bristol	352	304	201
London	245	250	266
Portsmouth	86	54	135

How many people travelled to **London** on **Thursday**?

245

How many people travelled to **Bristol** on **Thursday, Friday and Saturday** altogether?

$$352 + 304 + 201 = 857$$

How many **more** people travelled to **London** than **Portsmouth** on **Friday**?

$$250 - 54 = 196$$

How many people travelled on **Thursday**?

$$352 + 245 + 86 = 683$$

Name: \_\_\_\_\_

5-a-day

Silver



18th August

$7 \times 7 \times 7$

$7 \times 7 = 49$

$$\begin{array}{r} 49 \\ \times 7 \\ \hline 343 \\ 6 \end{array}$$

343

$15 \times \boxed{100} = 1,500$

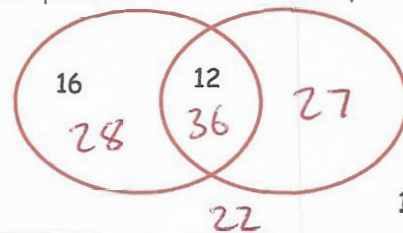
100

Write these numbers in its correct place on the diagram

22   27   28   36

multiples of 4

multiples of 3



Write the number 3904 in words.

Three thousand, nine hundred and four

Daisy has thirty five **fifty pence** pieces

How much money does Daisy have in total?

£17.50



$$\begin{array}{r} 35 \\ \times 50 \\ \hline 00 \\ 1750 \\ \hline 1750 \end{array}$$

Name: \_\_\_\_\_

5-a-day

Silver



19th August

$$835 - 180$$

$$\begin{array}{r} 7 \\ 835 \\ - 180 \\ \hline 655 \end{array}$$

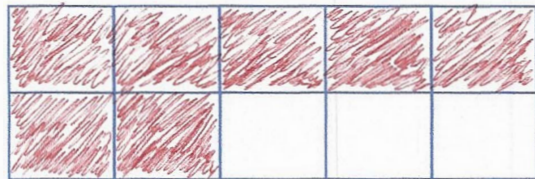
655

$$45 \times 7$$

$$\begin{array}{r} 45 \\ \times 7 \\ \hline 315 \\ 3 \end{array}$$

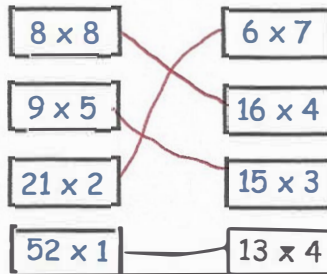
315

Shade  $\frac{7}{10}$  of this grid



Each card on the left matches one on the right.

Draw lines to match the cards which are **equal** in value



A carton of milk costs 64p



Find the cost of six cartons of milk

£3.84

$$\begin{array}{r} 64 \\ \times 6 \\ \hline 384 \\ 2 \end{array}$$

£3.84

Name: \_\_\_\_\_

5-a-day

Silver



20th August

$$420 \div 7$$

$$\begin{array}{r} 060 \\ 7 \overline{)420} \end{array}$$

60

$$\frac{2}{5} \text{ of } 45$$

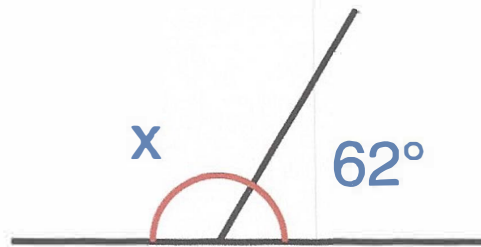
$$45 \div 5 = 9$$

$$9 \times 2 = 18$$

18

Find the size of the missing angle x

$$\begin{array}{r} 7 \\ 180 \\ - 62 \\ \hline 118 \end{array} \quad x = 118$$



Mrs Johnson set 6 students a test.  
The test has 24 questions

To pass you will need  
to answer  $\frac{3}{4}$  of the  
questions correctly.



The results were:

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

Donna  
and Emma

Which students passed the test?

$$24 \div 4 = 6$$

$$6 \times 3 = 18$$



21st August

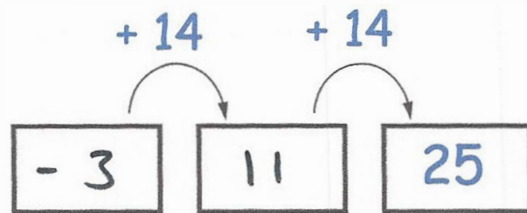
6 - 10

Grid area for the first problem. A box at the bottom contains the answer:  $-4$ .

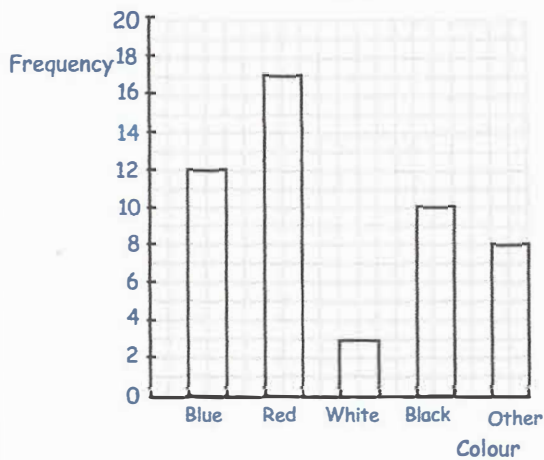
$$\begin{array}{r} 32 \\ 7 \overline{) 224} \end{array}$$

Grid area for the second problem. A box at the bottom contains the answer:  $32$ .

Find the missing numbers



Colours of cars in the school car park



How many red cars are in the school car park?

17

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

No (there are only 3 in "other")

Name: \_\_\_\_\_

5-a-day

Silver



22nd August

$$\begin{array}{r} 19 \\ 2019 \\ - 884 \\ \hline 1135 \end{array}$$

1135

$$\begin{array}{r} 161 \\ \times 5 \\ \hline 805 \\ 3 \end{array}$$

805

1 kilometre =  metres

1 metre =  centimetres

1 kilogram =  grams

Key ○ represents 4 books

Romance	○ ○
Crime	○ ◐
Horror	○ ◑
Factual	◒

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

How many romance books did Gail read?

8

How many books did Gail read in total?

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

22

Name: \_\_\_\_\_

5-a-day

Silver



23rd August

$$\frac{5}{20} - \frac{4}{20}$$

$$\frac{1}{20}$$

$$377 - 198$$

$$\begin{array}{r} 216 \\ 377 \\ - 198 \\ \hline 179 \end{array}$$

$$179$$

A teacher has 380 sweets.

She gives 22 children 6 sweets each.

How many sweets does the teacher have left?

$$248$$

$$\begin{array}{r} 22 \\ \times 6 \\ \hline 132 \end{array}$$

$$\begin{array}{r} 380 \\ - 132 \\ \hline 248 \end{array}$$

Rob finishes school at half past three.  
He then walks home and this takes  
twenty-five minutes.

Write the time he arrives home on the  
clock display.

Write the time as 24 hour time.

$$15:55$$

Fill in the missing numbers

$$\boxed{6} + \boxed{4} = \boxed{10}$$

multiple of 3

multiple of 4

multiple of 5

Name: \_\_\_\_\_

5-a-day

Silver



24th August

$200 \times 8$

1600

$9.7 + 14.8$

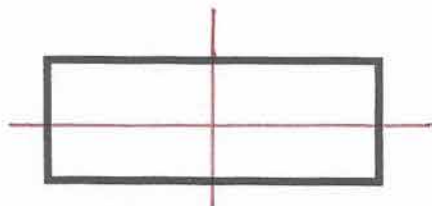
14.8  
+ 9.7  
-----  
24.5

24.5



Which angle is  $80^\circ$  ?

C



On the rectangle, draw all the lines of symmetry

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?

$424 - 40 = 384$

$384 \div 2 = 192$

$192 \div 2 = 96$



Name: \_\_\_\_\_

5-a-day

Silver



25th August

$32 \times 9$

$$\begin{array}{r} 32 \\ \times 9 \\ \hline 288 \end{array}$$

288

$40 \times 60 \times 10$

$$\begin{array}{r} 40 \times 60 \\ = 2400 \\ 2400 \times 10 \\ = 24000 \end{array}$$

24000

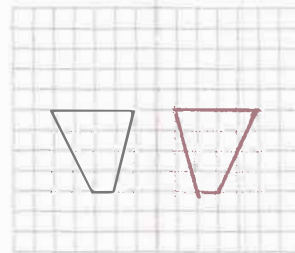
Write the number 50 in Roman numerals

L

Write in the missing digits to make this correct

$$\begin{array}{r} 5 \quad \boxed{4} \\ \times \quad \quad 7 \\ \hline \boxed{3} \quad 7 \quad 8 \end{array}$$

Reflect the shape using the dotted line as the mirror line



Mirror Line

Name: \_\_\_\_\_

5-a-day

Silver



26th August

$$96 \div 4$$

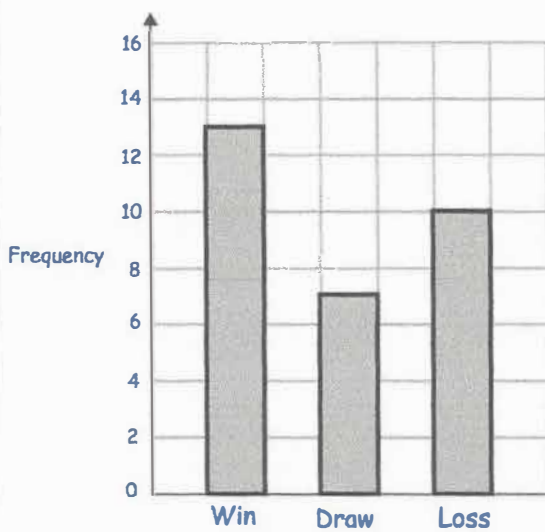
$$\begin{array}{r} 24 \\ 4 \overline{)96} \end{array}$$

24

$$754 + 6,511$$

$$\begin{array}{r} 6511 \\ + 754 \\ \hline 7265 \end{array}$$

7265



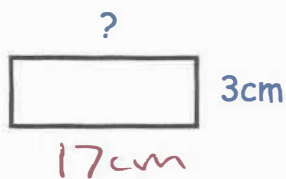
How many matches did the rugby team draw?

7

A win is worth 5 points.  
A draw is worth 2 points.

How many points did the team get in total?

$$\begin{array}{r} 5 \times 13 = 65 \\ 7 \times 2 = 14 \\ \hline 79 \end{array}$$



The perimeter of the rectangle is 40cm.  
Work out the length of the rectangle.

$$\begin{array}{l} 3 + 3 = 6 \\ 40 - 6 = 34 \\ 34 \div 2 = 17 \end{array}$$

17cm

Name: \_\_\_\_\_

5-a-day

Silver



27th August

$$0.9 + 0.9 + 0.9$$

$$\begin{array}{r} 0.9 \\ 0.9 \\ 0.9 \\ \hline 2.7 \\ \hline \end{array}$$

2.7

$$82 \times 6$$

$$\begin{array}{r} 82 \\ \times 6 \\ \hline 492 \\ \hline \end{array}$$

492

An assembly hall has 20 rows.  
Each row has 12 chairs.

During an assembly there are 35 seats empty.

Work out how many people went to the assembly

205

$$20 \times 12 = 240$$

$$\begin{array}{r} 240 \\ - 35 \\ \hline 205 \end{array}$$

£4.75 each



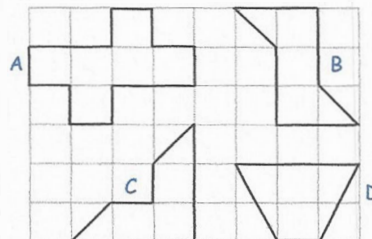
Find the cost of 5 teddy bears

$$\begin{array}{r} 4.75 \\ \times 5 \\ \hline 23.75 \end{array}$$

£23.75

Which two shapes **do not** have a line of symmetry?

A and B



Name: \_\_\_\_\_

5-a-day

Silver



28th August

$$\frac{9}{10} - \frac{2}{10}$$

$$\frac{7}{10}$$

$$4,040 - 91$$

$$\begin{array}{r} 3913 \\ 4040 \\ - 91 \\ \hline 3949 \end{array}$$

$$3949$$

$$2,630 \times 10$$

Write down the value of the 3 in the answer.

$$\underline{300}$$

$$26300$$

James earns £9 per hour.  
He works 20 hours in one week.

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

How much does he give to his sister?

$$£45$$

$$9 \times 20 = 180$$

$$180 \div 4 = 45$$

Helen is doing sit-ups

She does 6 sit-ups every ten seconds.

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

$$72$$

$$2 \text{ minutes} = 120 \text{ seconds}$$

$$6 \times 12 = 72$$

Name: \_\_\_\_\_

5-a-day

Silver



29th August

$$6,205 - 777$$

$$\begin{array}{r} 519 \\ 6205 \\ - 777 \\ \hline 5428 \end{array}$$

5428

$$18 \times 4 = 6 \times \square$$

$$\begin{array}{r} 18 \\ \times 4 \\ \hline 72 \\ 3 \end{array} \quad \begin{array}{l} 72 \div 6 \\ = 12 \end{array}$$

12

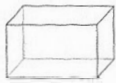
Square-based pyramid



Triangular prism



Cuboid



Triangular-based pyramid



Which shape has the least faces?

Triangular based pyramid  
4



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

The temperature increase by  $7^{\circ}\text{C}$  by 10am

What is the temperature at 10am?

$$-3 + 7 = 4$$

$4^{\circ}\text{C}$

In 2019 the 15<sup>th</sup> March is a Friday

What day is the 24<sup>th</sup> March 2019?

Sunday

Name: \_\_\_\_\_

5-a-day

Silver



30th August

$$4,000 \div \boxed{1000} = 4$$

$$\frac{3}{4} \text{ of } 28$$

$$28 \div 4 = 7$$

$$7 \times 3 = 21$$

21

Write the number fourteen thousand, nine hundred and two in figures

14,902

Laura is saving money to buy a guitar.

The guitar costs £150

So far Laura has saved £56.40

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

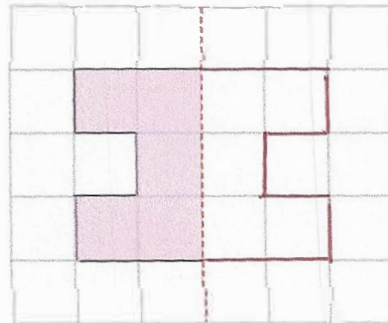
£93.60

$$\begin{array}{r} 149 \\ + 80.00 \\ - 56.40 \\ \hline 93.60 \end{array}$$

Part of a shape is shown on the grid

The shape has two lines of symmetry

Complete the shape



Name: \_\_\_\_\_

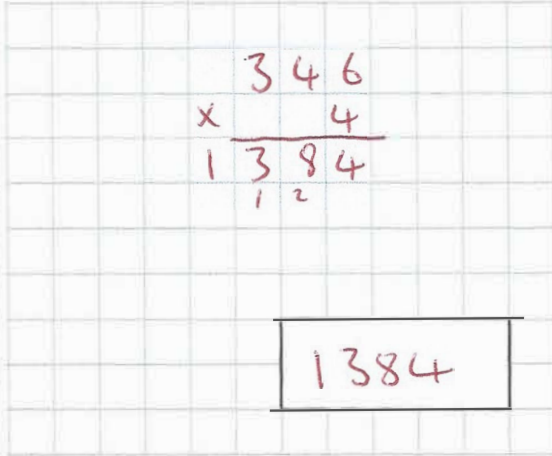
5-a-day

Silver

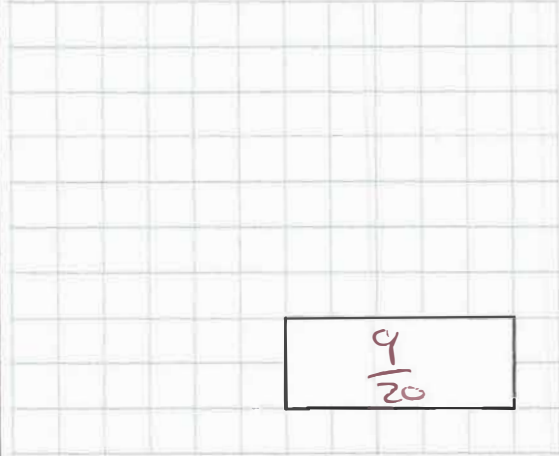


31st August

$$346 \times 4$$



$$\frac{3}{20} + \frac{3}{20} + \frac{3}{20}$$



Circle the number that is **100 times** greater than sixty four.

6,040 6,400 640 64,000

The point A has the coordinates (2, 4)

Plot the point A on the grid

ABC is a right angled triangle

Plot B and C on the grid.

