1st October

100×100

$$\boxed{10,000}$$

$$7\,|\,\overline{3\,^{3}2\,^{4}9} \quad 0\,4\,7$$

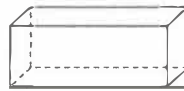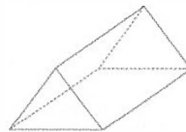$$\boxed{47}$$

Tick each shape that has more vertices than faces
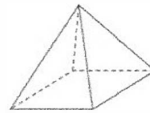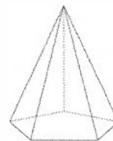
Square-based pyramid   ☐

Cuboid   ☑

Triangular prism   ☑

Pentagonal pyramid   ☐

There are green, pink and blue beads in a bag. There are 40 beads altogether.

$\frac{1}{5}$ of the beads are green   8

$\frac{3}{4}$ of the beads are pink   30

How many blue beads are there in the bag?

2

2nd October

$540 \div 6$

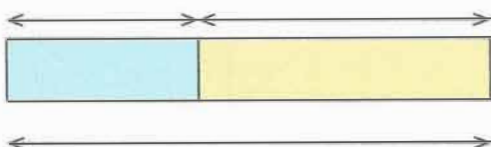$$\begin{array}{r} 0\,9\,0 \\ 6\overline{)5\,^5 4\,0} \end{array}$$

90

$8,000 - 80$

$$\begin{array}{r} 7\,^9\cancel{8}\,^9\cancel{0}\,6\,0 \\ -\quad\ 8\,0 \\ \hline 7\,9\,2\,0 \end{array}$$

7920

6.6cm   9.5cm

16·1 cm

Work out the total length of the two blocks.

$$\begin{array}{r} 9\cdot5 \\ +\ 6\cdot6 \\ \hline 16\cdot1 \\ {}_{\,1} \end{array}$$

Sam has a bag of 10p coins.
Tyler has a bag of 50p coins.

Both bags have the same amount of money inside.

There are **forty** 10p coins in Sam's bag.

Sam   Tyler

10p coins   50p coins

24

How many coins do they have altogether?

48

3rd October

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

$$\boxed{\frac{4}{5}}$$

```
    6 2 5
    2 3 0
+   1 9 5
  ‾‾‾‾‾‾‾
  1 0 5 0
    1 1
```

$$\boxed{1050}$$
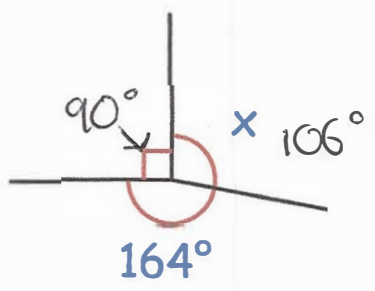
$\frac{1}{3}$ of the students in a class are left handed.

What fraction of the class are right handed?

$$\frac{2}{3}$$

Find the size of angle x

$90°$ x $106°$

164°

Change 20 kilograms into grams

20,000 grams

4th October

$0.6 + 0.7 + 0.8 + 0.9$

$$\begin{array}{r} 0.6 \\ 0.7 \\ 0.8 \\ +0.9 \\ \hline 3.0 \\ {\scriptstyle 3} \end{array}$$

| 3 |

$17 \times 4 = 200 - \boxed{132}$

$$\begin{array}{r} 17 \\ \times \ \ 4 \\ \hline 68 \\ {\scriptstyle 2} \end{array} \qquad \begin{array}{r} 200 \\ - \ \ 68 \\ \hline 132 \end{array}$$
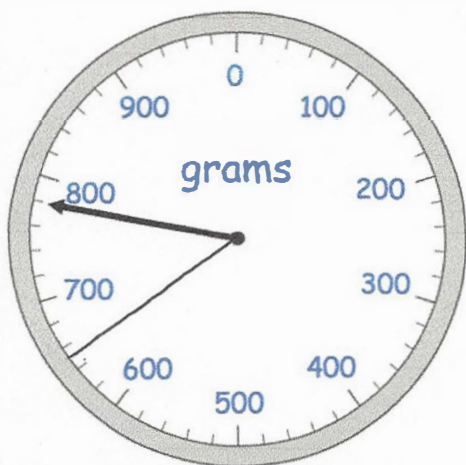
| 132 |

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

Write the missing number.

$0.7 \xrightarrow{+0.6} 1.3 \xrightarrow{+0.6} 1.9 \longrightarrow \boxed{2.5}$

Frank places some oranges on a scale.

He takes away one orange.

The mass goes down by 130 grams.

Draw the pointer in its new position.

5th October

$305 + 826 + 185$

$$
\begin{array}{r}
3\,0\,5 \\
8\,2\,6 \\
+\,1\,8\,5 \\
\hline
1\,3\,1\,6 \\
\end{array}
$$

| 1316 |

$$
\begin{array}{r}
1\ 7\ 3 \\
\times\quad\ 5 \\
\hline
8\,6\,5 \\
\end{array}
$$

| 865 |

A teacher has 135 sweets.

She shares the sweets equally between 5 children.

How many sweets does each child receive?

$$
\begin{array}{r}
0\,2\,7 \\
5\,\overline{)1\,3\,5} \\
\end{array}
$$

27 sweets

Here is part of a number line.

Write the missing numbers in the boxes.

+5   +5

-3   2   7

Write the three missing numbers

$$
\begin{array}{r}
4\ \boxed{2}\ 7 \\
+\ \boxed{2}\ 5\ \boxed{5} \\
\hline
6\ 8\ 2 \\
\end{array}
$$

6th October

$\frac{2}{3}$ of 900

```
      3 0 0
    3⟌9 0 0

      3 0 0
  X       2
    6 0 0
```

600

---

132 ÷ 11

```
        0 1 2
  1 1⟌1 ³3 2
```

12

Hannah has 10p ⎞ 74p
Erin has 64p   ⎠

How much money should Erin give Hannah so that they have the same amount of money?

27p

```
    3 7
  2⟌7 4

    5 6 4
   - 3 7
     2 7
```

A is the point (5, 2)

Plot the point A

B is the point (0, 3)

Plot the point B
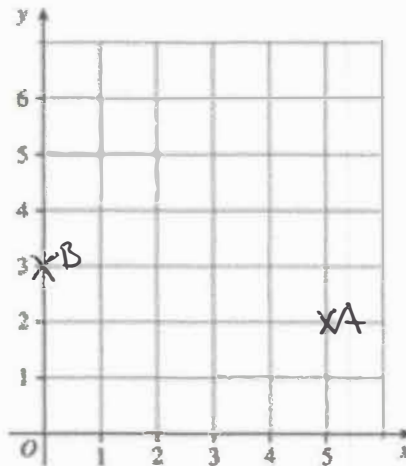
7th October

$9 \times 9 \times 3$

$9 \times 9 = 81$
$81 \times 3 = 243$

243

$$\begin{array}{r} {}^{1}\cancel{2}{}^{4}\cancel{5}{}^{12}\cancel{3}8 \\ -\quad 6\ 5\ 9 \\ \hline 1\ 8\ 7\ 9 \end{array}$$

1879

Barry prints books that each have 100 pages.

In total, he prints 9,000 pages.

How many books did Barry print?

90 books

Megan and her friends visit a cafe

Here is the menu

Menu	
Tea	£1.55
Coffee	£2.80
Water	75p
Lemonade	95p
Hot Chocolate	£1.90
Milkshake	£2.65

Megan has £10

She buys a tea, a hot chocolate and a water.

How much does Megan have to pay?

$$\begin{array}{r} 1.55 \\ 1.90 \\ + 0.75 \\ \hline 4.20 \\ {}_{2} \end{array}$$

£4.20

How much change does she get?

$$\begin{array}{r} \cancel{9}{}^{9}\cancel{10}.{}^{1}\cancel{0}0 \\ - 4.20 \\ \hline 5.80 \end{array}$$

£5.80

8th October

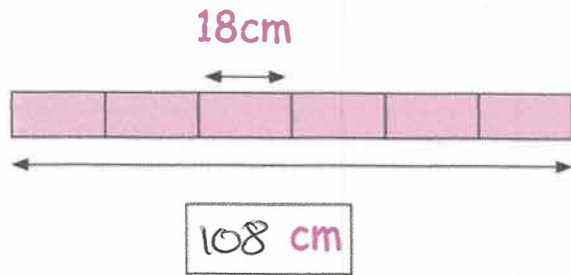|	
$4,000 \div 100$ **40**	$50,000 - 900$ **49100**
Circle the number that is 10 times greater than eight hundred and forty. 8,040 84 8,004 (8,400) 840	
Six identical boxes are placed in a line. What is the total length of all six boxes? $\begin{array}{r} 18 \\ \times\ 6 \\ \hline 108 \end{array}$	18cm 108 cm
List the factors of 18 1, 2, 3, 6, 9, 18	

9th October

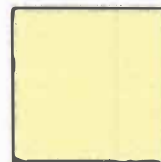|	
$9 \times 1,000$	80×20
9000	1600
List the first five multiples of 12 12, 24, 36, 48, 60	
Write these numbers in order, starting with the smallest. 5.25 5.2 5.19 5.08 5.1	5.08 5.1 5.19 5.2 5.25
Work out the perimeter of this square 60cm	15cm 15cm 15cm 15cm

10th October

$2 \times 3 \times 4 \times 5 \times 6 \times 7$

$2 \times 3 = 6$
$6 \times 4 = 24$
$24 \times 5 = 120$
$120 \times 6 = 720$
$720 \times 7 = 5040$

5040

$2,000 \div 10$

200

Arrange these temperatures in order, from lowest to highest.

0°C   −20°C   6°C   17°C   −13°C

−20°C
−13°C
0°C
6°C
17°C

Square   Rectangle   Rhombus

Trapezium   Parallelogram   Kite

Which shapes have perpendicular sides?

From picture:

Square and rectangle

Using each number card once, make the largest even number

| 4 | 9 | 1 | 6 |

| 9 | 6 | 1 | 4 |

11th October

$745 - 360$

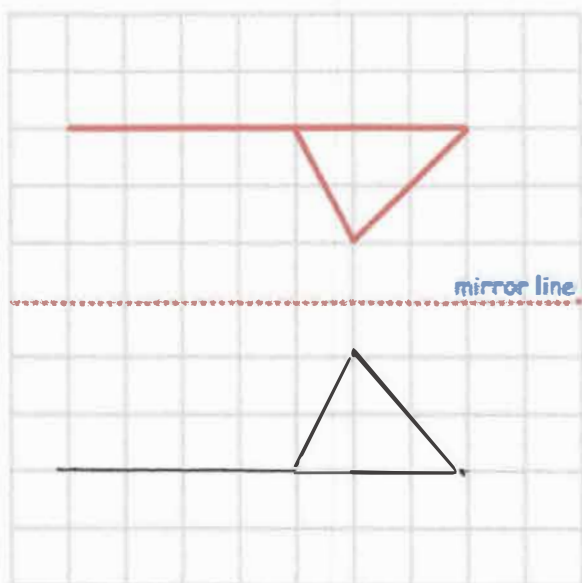$$\begin{array}{r} {}^{6}7^{1}45 \\ -360 \\ \hline 385 \end{array}$$

385

$9.2 + 5.9$

$$\begin{array}{r} 9.2 \\ +5.9 \\ \hline 15.1 \end{array}$$

15.1

Reflect the shape in the mirror line

Round 584 to the nearest 10

580

Here is a number written in Roman numerals

XVIII

Write the number in figures

18

12th October

$95 + 95 + 95$

```
  9 5
  9 5
+ 9 5
-----
2 8 5
    1
```

| 285 |

$156 \div 6$

```
  0 2 6
6| 1 5 6
```

| 26 |

Change 6 litres into millilitres

6000 ml

There are 8 cupcakes in a box.
Neil buys 27 boxes of cupcakes.

How many cupcakes did Neil buy?

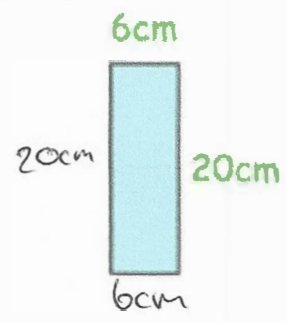216

```
  2 7
x   8
-----
2 1 6
  5
```

Work out the perimeter of this rectangle

52cm

6cm

20cm   20cm

6cm

13th October

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

$$\boxed{\frac{1}{3}}$$

$$18 \times 3 = 60 - \boxed{6}$$

```
  1 8        ⁵⁄6̷ 0
x   3       - 5 4
  5 4         0 6
  ₂
```

$$\boxed{6}$$

Nicole buys a tie and three pairs of trainers.

She has £50

Tie	Socks	Trainers
1 for £7.50	2 pairs for £4.99	1 pair for £13

How much change does she get?

£3.50

```
  1 3         39·00
x   3       +  7·50
   39         46·50
```

```
  ⁴⁄5̷0̷·00
- 46·50
  03·50
```

Here is a list of numbers.

3   4   5   6   7   9   (13)

Circle a factor of 26 and underline a factor of 14.

14th October

$1,401 + 1,401 + 1,401$

$$
\begin{array}{r}
1401 \\
1401 \\
+1401 \\
\hline
4203
\end{array}
$$

4203

$1 - 6$

-5

On Monday, Kenneth ate $\frac{2}{8}$ of a cake.

On Tuesday he ate $\frac{3}{8}$ of the same cake.

What fraction of the cake is left?
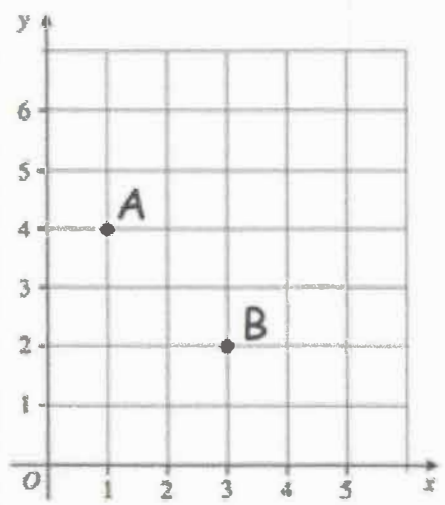
$\frac{2}{8} + \frac{3}{8} = \frac{5}{8}$

$\frac{3}{8}$ left

Write down the coordinates of point A
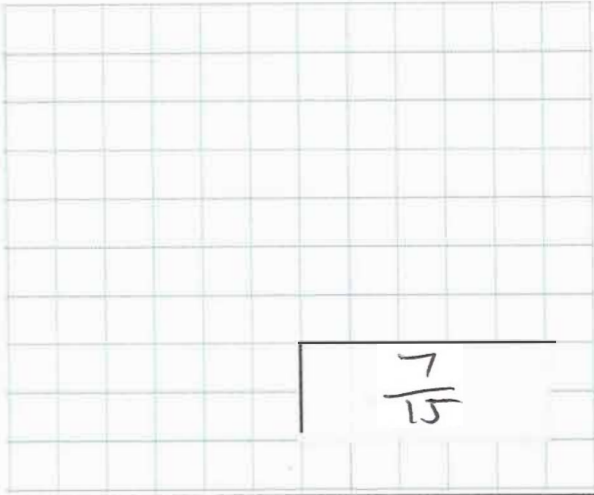
1, 4

Write down the coordinates of point B

3, 2

15th October

8×12

$$
\begin{array}{r}
1\ 2 \\
\times\quad 8 \\
\hline
9\ 6
\end{array}
$$

| 96 |

$\dfrac{2}{15} + \dfrac{5}{15}$

$\dfrac{7}{15}$

The thermometer below shows the temperature at 6am in a town.

What temperature is shown?

$-3°C$

-7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9

°C
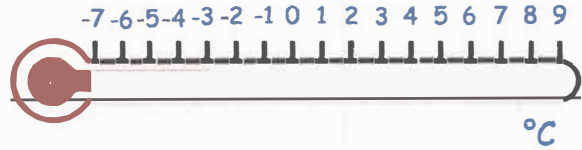
At a party there are 24 tables.

15 tables seat 5 guests
9 tables seat 6 guests

Work out the total number of chairs needed.

129 chairs

$$
\begin{array}{r}
1\ 5 \\
\times\quad 5 \\
\hline
7\ 5
\end{array}
\qquad
\begin{array}{r}
7\ 5 \\
+5\ 4 \\
\hline
1\ 2\ 9
\end{array}
$$

$$
\begin{array}{r}
9 \\
\times\quad 6 \\
\hline
5\ 4
\end{array}
$$

Write in the missing numbers

Number	Rounded to the nearest whole number
2.8	3
5.3	5
12.6	13
20.5	21

Name: _Answers_   5-a-day   Silver

16th October

12×7

$$
\begin{array}{r}
1\,2 \\
\times 7 \\
\hline
8\,4 \\
\end{array}
$$

| 84 |

$4{,}200 - \boxed{3700} = 500$

$$
\begin{array}{r}
^{3}4{,}^{1}2\,0\,0 \\
-5\,0\,0 \\
\hline
3\,7\,0\,0 \\
\end{array}
$$

| 3700 |

Rosie is paid £8 an hour.

In one week Rosie is paid £176

How many hours did Rosie work?

$$
8\overline{)1\,7\,^{1}6}^{022}
$$

22 hours

C O R B E T T M A T H S

What fraction of the letters are the letter O?

$\dfrac{1}{12}$

What fraction of the letters are the letter T?

$\dfrac{3}{12} \Rightarrow \dfrac{1}{4}$

What fraction of the letters are vowels?

$\dfrac{3}{12} \Rightarrow \dfrac{1}{4}$

17th October

$121 \div 11$

11

$3.7 + 2.8$

$$\begin{array}{r} 3.7 \\ + 2.8 \\ \hline 6.5 \end{array}$$

6.5

Write these numbers in order, starting with the smallest.
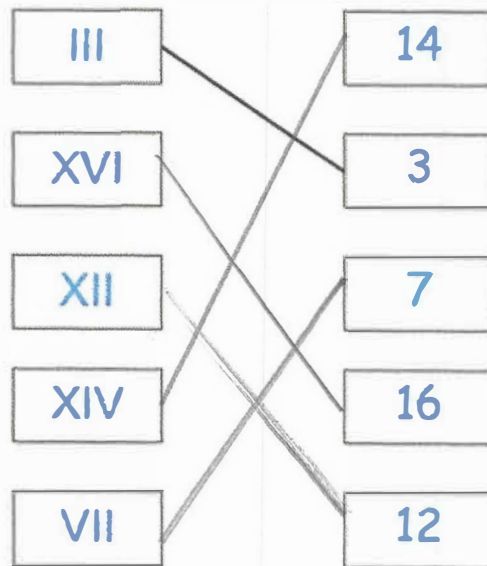
0.59   1.24   0.45   1.34   0.88

0.45
0.59
0.88
1.24
1.34

Match the numbers in Roman numerals to the correct figures

Roman numerals	Figures
III	14
XVI	3
XII	7
XIV	16
VII	12

Name: _Answers_   5-a-day   Silver

18th October

$7 \times 4 \times 3 \times 10$

7 x 4 = 28
28 x 3 = 84
84 x 10 = 840

840

$\frac{1}{3}$ of 42

$3 \overline{)4^12}$ → 14

14

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

Write the missing number.

114 ⟶ 127 ⟶ 140   153
+13   +13

Aiden has £195
Riley has £26 less than Aiden.
Alice has £107 more than Riley.

How much money do they have in total?

£640

Aiden £195
Riley £169
Alice £276
      640

What is 235 minutes in hours and minutes?

3 hours 55 minutes

19th October

44×8

$$\begin{array}{r} 44 \\ \times 8 \\ \hline 3\,5\,2 \\ {}_{3} \end{array}$$

352

$3.3 + 1.8 + 1.1$

$$\begin{array}{r} 3.3 \\ 1.8 \\ + 1.1 \\ \hline 6.2 \\ {}_{1} \end{array}$$

6.2

Arrange these numbers in order, starting with the largest

24,123   24,200   24,032   24,103

24200
24123
24103
24032

How much money does Ben have?

£45

Super Bowl LIV will take place in 2020.

Write LIV in **figures**

54

20th October

$15 - 6.4$	229×4

$$\begin{array}{r} 9\overset{4}{\cancel{1}}\overset{1}{5}.\overset{}{6}0 \\ -6.40 \\ \hline 8.60 \end{array}$$

$$\begin{array}{r} 229 \\ \times 4 \\ \hline 9\underset{1}{1}\underset{3}{6} \end{array}$$
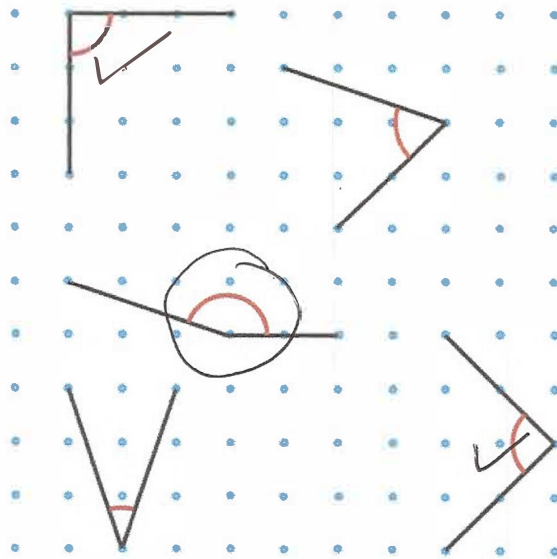
8.6	916

At a football match between Doncaster and Hartlepool, there were 6,723 fans.

Round 6,723 to the nearest thousand.

7000

Tick the two right angles

Circle the obtuse angle

Name: Answers   5-a-day   Silver

21st October

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

$9 \times 9 = 81$
$81 \times 10 = 810$
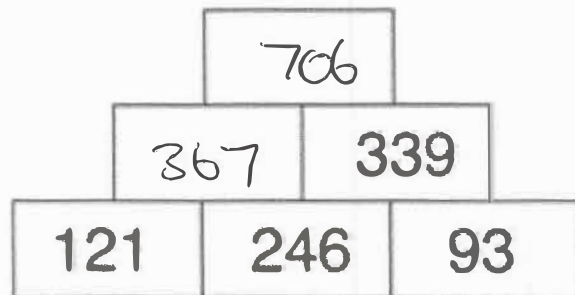$810 \times 10 = 8100$

8100

$258 \div 6$

0 4 3
6) 2 5 8

43

Here is an addition pyramid.

To find the number in a block, add the numbers in the two blocks below it.

Find the missing numbers

121
+ 246
367

367
+ 339
706

	706	
367		339
121	246	93

List the factors of 50

1, 2, 5, 10, 25, 50

22nd October

$\dfrac{2}{3}$ of 18

12

$485 + 193 + 222$

```
  4 8 5
  1 9 3
+ 2 2 2
-------
  9 0 0
```

900

It takes an author 105 days to write a book.

How many weeks is this?

15 weeks

```
  015
7|105
```

Part of a shape is shown on the grid.

The shape has one line of symmetry.

Complete the shape
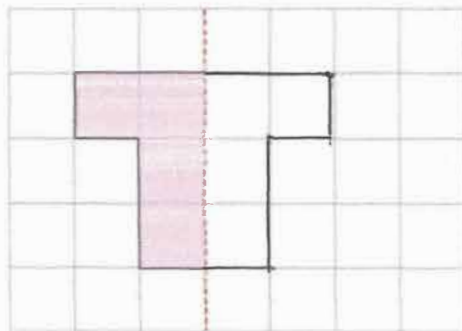
Emma and Tom each buy a toy.
Emma's toy cost £14
Tom pays with a £10 note and gets £5.50 change.

How much more does Emma's toy cost than Tom's toy?

```
 10.00
- 5.50
------
  4.50
```

```
 14.00
- 4.50
------
  9.50
```

£9.50

23rd October

1200 ÷ 100 = 12

1200

465 ÷ 5

$$\begin{array}{r} 0\,9\,3 \\ 5\overline{)4\,6\,^{1}5} \end{array}$$

93

Change 9 kilometres into metres

9000m

These are the temperatures in some towns.

Towns	Temperature
Leek	-8°C
Milton	12°C
Donhampton	-11°C
Redtown	7°C
Sandville	-16°C

Which town has the highest temperature?

Milton

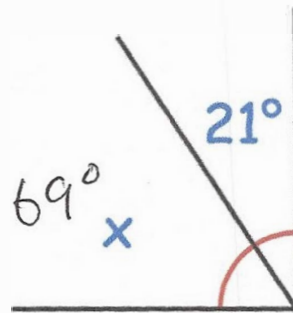Which town has the lowest temperature?

Sandville

24th October

$$\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$$

$\boxed{\frac{3}{5}}$

50×100

$\boxed{5000}$

Find the size of angle x

69° x   21°

List the first five multiples of 9

9, 18, 27, 36, 45

500 people went to a charity football match between Yeovil and Carlisle.

Adult tickets are £5.   - £2000
Child tickets are £3.   - £300

Out of the 500 people at the match, 100 are children.

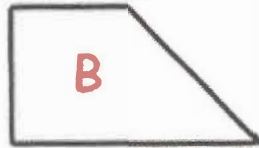How much money was raised for charity?

£2300

25th October

$0.7 + 0.6$	$4 - 7$

$$\begin{array}{r} 0.7 \\ +\ 0.6 \\ \hline 1.3 \\ _1 \end{array}$$

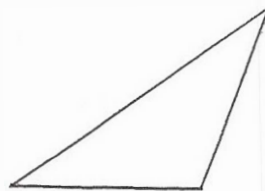| 1·3 |
|---|

-3

Name shape A

Rhombus

Name shape B

Trapezium

Draw a scalene triangle

Ryan has these digit cards.

6 7 8

He makes a 1-digit and a 2-digit number. He multiplies them together and the answer is **a** greater than 600.

What could Ryan's multiplication be?

8 × 7 6

26th October

7×52

$$
\begin{array}{r}
52 \\
\times 7 \\
\hline
36{,}4 \\
1
\end{array}
$$

364

$5 \times 30 = 4,000 - \boxed{3850}$

$5 \times 30 = 150$

$4000 - 150 = 3850$

3850

Work out the perimeter of this pentagon

24cm

4cm   4cm

5cm   5cm

6cm
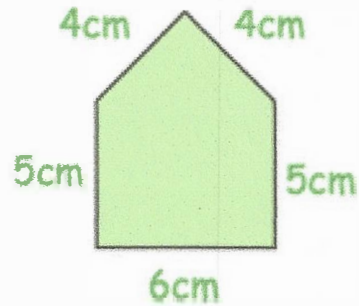
Daisy is reading a book.

She is about to begin reading chapter XXIV

Write XXIV in figures

24

Write these times in order, starting with the shortest

35 days   3 weeks
21 days

1 month   240 hours
30|31 days   10 days
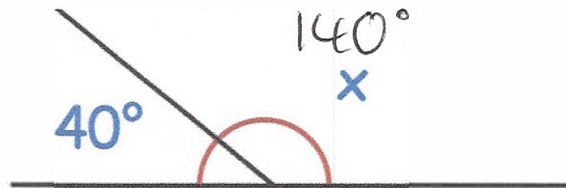
240 hours
3 weeks
1 month
35 days

27th October

80×50

$$\begin{array}{r} 80 \\ \times\ 50 \\ \hline 4000 \end{array}$$

4000

$\dfrac{4}{7} - \dfrac{1}{7}$

$\dfrac{3}{7}$

Find the size of angle x

$140°$
x
$40°$

Molly visits a restaurant with her friends. This is a menu.

Starters	Mains
Soup	Chicken
Prawn Cocktail	Beef
Melon	Pizza

Molly chooses one starter and one main.

List all possible combinations

Soup + chicken
Soup + Beef
Soup + Pizza
Prawn Cocktail + chicken
Prawn Cocktail + Beef
Prawn Cocktail + Pizza
Melon + chicken
Melon + Beef
Melon + Pizza

Name: _Answer_   5-a-day   Silver

28th October

23×7

161

$\frac{1}{3}$ of $\boxed{}$ = 9

27

Change 80 millimetres into centimetres

8cm

Here is a list of numbers.

④ 5 ⑥ 7 ⑧

10 ⑫ 13 14

Circle the factors of 24

A rugby team brought 6 coaches of supporters to a cup match.

Each coach held 41 supporters.

How many supporters were brought to the match?

246

29th October

$\frac{1}{4}$ of 24

$$4\overline{)2^{2}4} \quad \begin{array}{c} 06 \end{array}$$

| 6 |

5,600 + 1,500

$$\begin{array}{r} 5600 \\ +1500 \\ \hline 7100 \end{array}$$

| 7100 |

Esme buys 3 pencils for 90p.

How much would 4 pencils cost?

$$3\overline{)90} \quad \begin{array}{c} 30 \end{array} \qquad \begin{array}{r} 90 \\ +30 \\ \hline 120 \end{array}$$

£1.20

Write down the value of the 7 in the answer to 37×100

3⑦00

↓

700

Circle the quadrilateral with exactly three acute angles
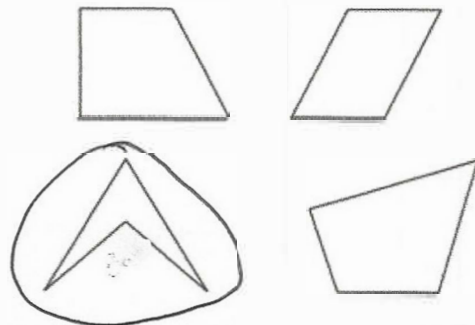
30th October

$3.4 + 1.9$

$$\begin{array}{r} 3.4 \\ +\ 1.9 \\ \hline 5.3 \\ \end{array}$$
_i

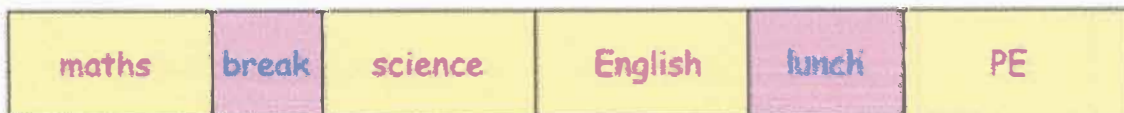| 5.3 |

61×100

| 6100 |

Write the three missing digits to make this subtraction correct.

$$\begin{array}{r} {}^{4}\cancel{5}\ {}^{1}\boxed{2}\ 7 \\ -\ \boxed{2}\ 8\ \boxed{4} \\ \hline 2\ 4\ 3 \\ \end{array}$$

| maths | break | science | English | lunch | PE |

9:00   9:50   10:00   11:05   12:10   1:05   2:20

am   pm

How long does the maths lesson last?

50 minutes

How long does the PE lesson last?

1 hour 15 minutes

Name: Answers   5-a-day   Silver

31st October

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

$\frac{3}{4}$

28×5

$$\begin{array}{r} 28 \\ \times \quad 5 \\ \hline 140 \\ {}_4 \end{array}$$

140

Work out the perimeter of this triangle.

24cm

6cm 10cm 8cm
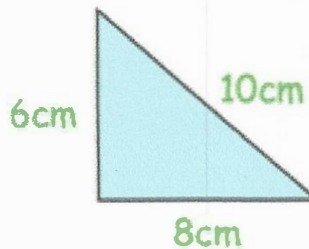
Here is part of a number sequence

... 350   400   450   500 ...

Circle all the numbers below that would appear in the sequence

555   620   (650)   (800)

What type of triangle is shown?

Isosceles

50°
65°   65°