

List the first five multiples of 7.

7 14 21 28 35

Lisburn	0613
Hilden	0616
Lambeg	0617
Derriaghy	0620
Dunmurry	0623
Finaghy	0626
Balmoral	0629
Adelaide	0631
Great Victoria Street	0635

How long is the train journey from Lambeg to Adelaide?

14 minutes

	Wins	Draws	Losses
Sunderland City	1	5	3
Manchester Rovers	2	1	6
Liverpool United	3	0	6
London Town	0	9	0

Win = 3 points    Draw = 1 point  
Loss = 0 points

Which team has the least number of points?

Manchester Rovers

How many points do they have?

7

Each unit of gas costs 30p

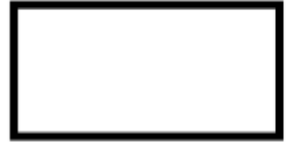
How much was spent on gas between January and June?

$0.3 \times 63 = \pounds 18.90$

	meter reading
Jan	2350
June	2413

63 units

Draw a shape with 2 lines of symmetry



January 25

5-a-day

Foundation

Decrease 5400 by 12%

$$\begin{array}{r}
 10\% = 540 \\
 1\% = 54 \\
 10\% = 54 \\
 \hline
 648
 \end{array}$$

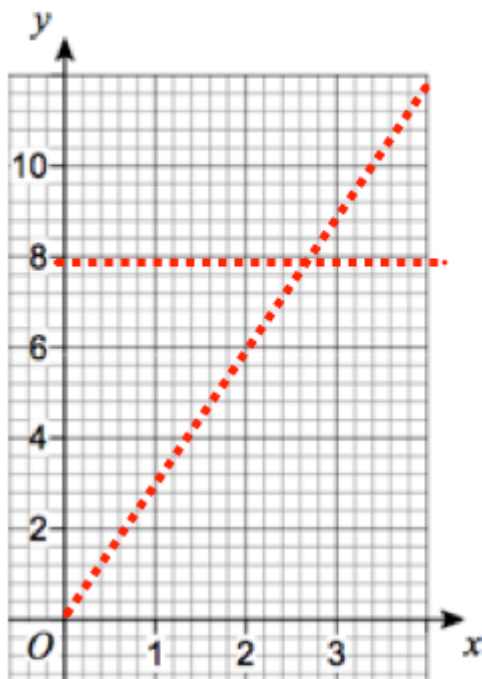
$$\begin{array}{r}
 4390 \\
 \times 12 \\
 \hline
 8780 \\
 87800 \\
 \hline
 52680
 \end{array}$$

The ratio of boys to girls in a school is 2:3.

What fraction of the school are girls?

$$2 + 3 = 5$$

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



Draw  $y = 8$

Draw  $y = 3x$

$$\begin{array}{r}
 x \quad | \quad 0 \quad 1 \quad 2 \\
 \hline
 y \quad | \quad 0 \quad 3 \quad 6
 \end{array}$$

The area of a circle is  $30\text{cm}^2$ .

Find the length of the radius.

$$\begin{aligned}
 \pi r^2 &= 30 \\
 r^2 &= 9.549\dots \\
 r &= 3.09\text{cm}
 \end{aligned}$$

January 25

5-a-day

Higher

The average distance of the sun from Earth is  $1.5 \times 10^8$  km  
Write this as an ordinary number.

150000000km

Here is a sequence of numbers

9 15 21 27 ....

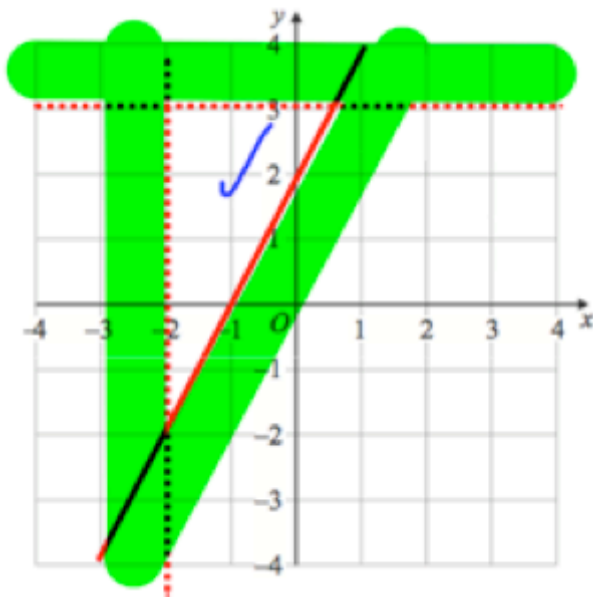
Find the nth term.

$$6n + 3$$

Find the 50th term

$$6 \times 50 + 3$$

$$303$$



The diagram shows a region which satisfies 3 inequalities.

Find these inequalities.

$$x > -2$$

$$y < 3$$

$$y > 2x + 2$$

Make w the subject of

$$a(w - 2) = 5w + k$$

$$w(a - 5) = k + 2a$$

$$aw - 2a = 5w + k$$

$$aw - 5w = k + 2a$$

$$w = \frac{k + 2a}{a - 5}$$