

Write 19023 in words

Nineteen thousand and twenty three

Write three tenths as a number

0.3

Write two and three-quarters in figures as a decimal

2.75

Work out $841 - 318$

$$\begin{array}{r} 31 \\ 841 \\ - 318 \\ \hline 523 \end{array}$$

523

Work out $144 \div 8$

$$\begin{array}{r} 018 \\ 8 \overline{) 144} \\ \underline{8} \\ 64 \\ \underline{64} \\ 00 \end{array}$$

18

Weight up to	First class
100g	£0.52
250g	£0.78
500g	£1.08
750g	£1.57

How much does it cost to post a parcel that weighs 450g?

£1.08

The sum of two consecutive odd numbers is 36.

Find the larger of these two odd numbers.

$$36 \div 2 = 18$$

$$17 \text{ and } \underline{\underline{19}}$$

$$x3 = 18$$

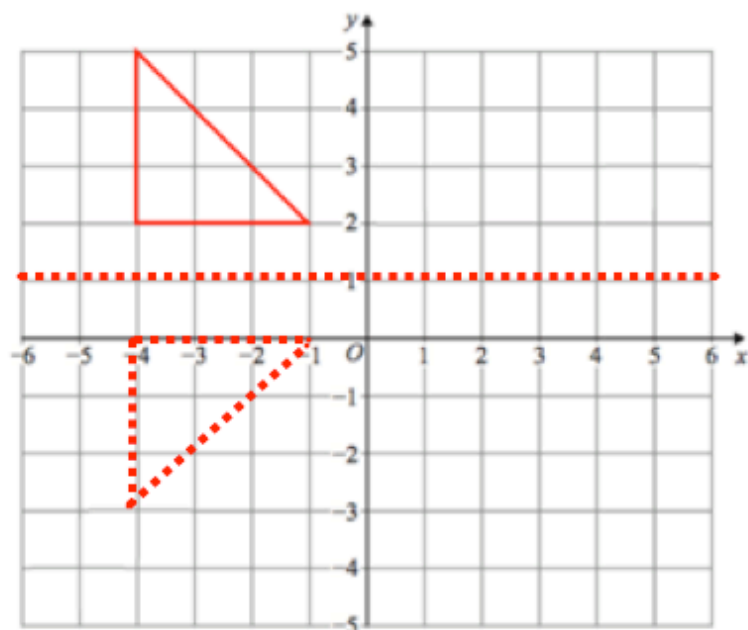
Sally cycles 6 miles in 20 minutes.

Work out her average speed.

Speed mph
↑
hour

↓ x3
60 mins

18 mph



Reflect the triangle in the mirror line $y = 1$.

Simplify

$$y^3 \times y^5 = y^8$$

Simplify

$$y^3 \div y^5 = y^{-2}$$

February 12	5-a-day	Higher
<p>The population of country A is 4.5×10^6</p> <p>The population of country B is 1.2×10^7</p>		<p>Work out the difference between the population of country A and country B. Give your answer in standard form.</p> $\begin{array}{r} 12'000\,000 \\ - 4\,500\,000 \\ \hline 7\,500\,000 \end{array}$ <p>7.5×10^6</p>
<p>Twenty years ago, the population of country A was 3.8×10^6.</p> <p>Work out the percentage increase in population of country A over the past twenty years.</p>		$\frac{7 \times 10^5}{3.8 \times 10^6} \times 100$ <p>18.42%</p>
<p>A is directly proportional to the square of B.</p> <p>When B = 10, A = 20.</p> <p>Find A when B = 20</p>		$A \propto B^2 \quad A = 0.2B^2$ $A = kB^2 \quad A = 0.2 \times 400$ $20 = k \times 100 \quad A = 80$ $k = 0.2$
<p>Write down the quadratic formula</p>		
<p>Express as a single fraction.</p> $\frac{2}{x+3} + \frac{3}{2x-1}$ $\frac{2(2x-1) + 3(x+3)}{(x+3)(2x-1)}$		$\frac{4x-2+3x+3}{(x+3)(2x-1)}$ $\frac{7x+1}{(x+3)(2x-1)}$