

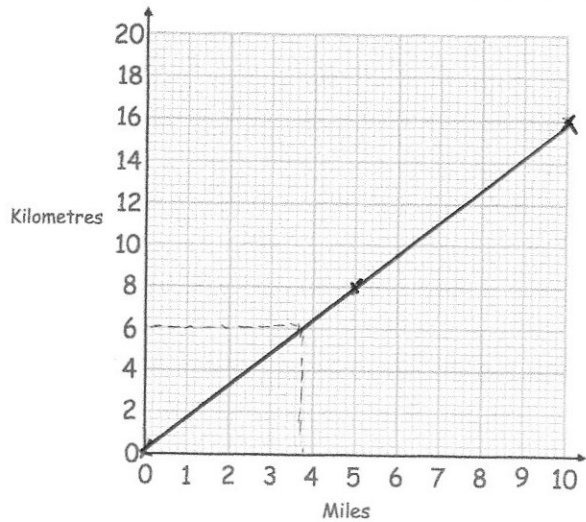
9th July

Foundation Plus 5-a-day



Corbettmaths

Use the fact 5 miles = 8 kilometres to draw a conversion graph on the grid.



Use your graph to convert

6 kilometres to miles

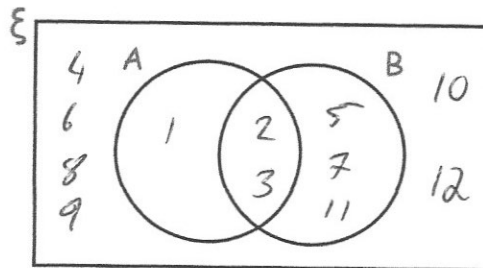
3.75 miles

$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$

$A = \{\text{numbers less than 4}\} \quad 1 \quad 2 \quad 3$

$B = \{\text{prime numbers}\} \quad 2 \quad 3 \quad 5 \quad 7 \quad 11$

Draw a Venn diagram for this information.



Write three thousandths in standard form.

$$3 \times 10^{-3}$$

Write 34000000 in standard form.

$$3.4 \times 10^7$$

How much longer does it take to travel 100 miles at 60mph than 80mph?

Give your answer in minutes and seconds.

25 minutes  
(0 seconds)

$$t = \frac{d}{s}$$
$$\frac{100}{60} = 1.6 \quad \begin{matrix} 1 \text{ hr} \\ 40 \text{ min} \end{matrix}$$
$$\frac{100}{80} = 1.25 \quad \begin{matrix} 1 \text{ hr} \\ 15 \text{ min} \end{matrix}$$