



6th August

$$\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3}$$

$$\frac{1}{27}$$

$$\frac{13}{20} = \boxed{65\%}$$

$$65\%$$

There are 80 teachers in a school.
The headteacher says that exactly 36% of the teachers drive to work.
Explain why the headteacher is wrong.

$36\% \text{ of } 80 = 28.8$
So must be wrong as it's not a whole number

Work out the value of y

$$2y - 16 = 80$$

$$2y = 96 \quad y = 48$$

A red light flashes every 30 seconds and a green light flashes every 24 seconds.

They both flash at the same time.

After how many seconds will they next both flash at the same time?

30, 60, 90, 120, 150, ...
24, 48, 72, 96, 120

120 seconds