

26th October

Foundation 5-a-day



Corbettm@ths

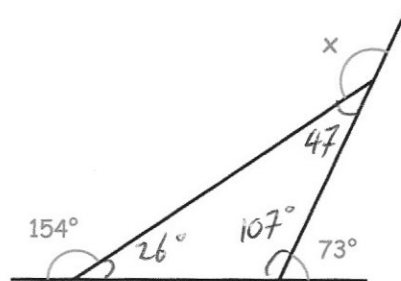
There are 14 children at a birthday party. There are 8 litres of lemonade at the beginning of the party. Each child drank 280 millilitres of lemonade.

How much lemonade is left?

$$\begin{aligned} 280 \times 14 &= 3920 \\ 8000 - 3920 &= 4080 \\ 4080\text{ml} \end{aligned}$$

Find the size of angle x

$$\begin{aligned} 180 - 47 &= 133 \\ 133^\circ \end{aligned}$$



Ella takes part in an archery lesson. For every 4 arrows fired, only 3 hit the target. Altogether Ella hit the target 24 times.

Work out how many arrows Ella fired.

$$\begin{array}{r} \times 8 \\ 3 \\ \hline 24 \\ \times 8 \\ 4 \\ \hline 32 \end{array}$$

32

Hannah is recording the number of letters in each word in an article.

These are the first ten lengths.

$$\begin{aligned} 3 + 4 + 2 + 6 + 2 \\ 4 + 3 + 7 + 3 + 6 &= 40 \end{aligned}$$

Work out the mean.

$$\frac{40}{10} = 4$$

The 11th word has 3 letters.

Tick the box which describes what affect this will have on the mean.

The mean will decrease

The mean will remain the same

The mean will increase