

11th February



Corbettmaths

Hannah says 5 squared is equal to 10.

Explain why she is wrong

$$5^2 = 5 \times 5 = 25$$

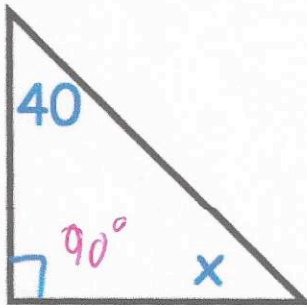
not 10

Martin says  $23 \times 12$  is equal to 206 because  $20 \times 10 = 200$  and  $3 \times 2 = 6$ .

Explain why he is wrong

The answer is 276.  
Martin did not do  $20 \times 2$  or  $10 \times 3$ .

$$\begin{array}{r} 23 \\ \times 12 \\ \hline 46 \\ 230 \\ \hline 276 \end{array}$$



$$x = 50^\circ$$

David says angle x is 140 degrees.

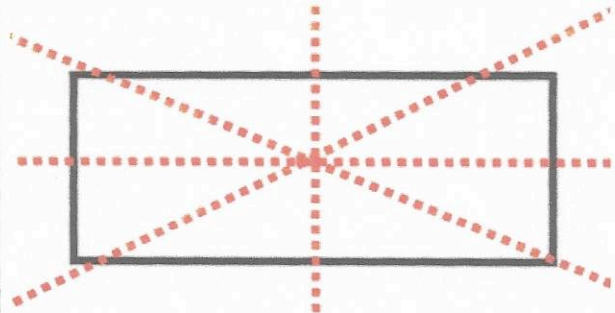
Explain why he is wrong

There is a right angle, which is  $90^\circ$ .  
 $40 + 90 = 130$   $180 - 130 = 50^\circ$

Nicola says a rectangle has 4 lines of symmetry.

Explain why she is wrong

There are 2 lines of symmetry.  
The diagonals are not lines of symmetry.



Mr Smith collects stamps and had 4512 in his collection.

His friend Ian gives him 568 more stamps.

His friend David gives him some more.

He has now got 6000 stamps.

How many stamps did David give Mr Smith?

$$\begin{array}{r} 4512 \\ + 568 \\ \hline 5080 \end{array} \quad \begin{array}{r} 6000 \\ - 5080 \\ \hline 920 \end{array}$$

920