

Q1

Abu knows the multiplication fact for 8×9 .
He uses this fact to help him mentally
calculate the answer to related calculations.

Complete the missing numbers.

$$\begin{aligned} \text{If } 8 \times 9 &= \boxed{72}, \\ \text{then } 80 \times 9 &= \boxed{720} \\ \text{and } 80 \times 90 &= \boxed{7,200}. \end{aligned}$$

1 mark

Q2

An aeroplane takes 3 hours to fly between
two cities.

Is this more or less than 200 minutes?
Explain your answer.

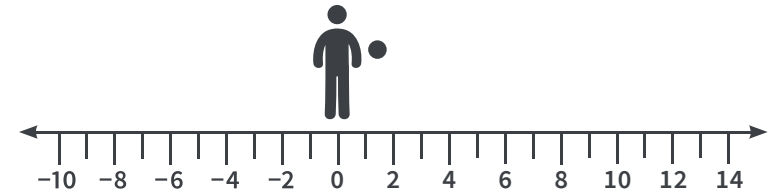
more ☐ less ☒

See mark scheme for example

1 mark

Q3

Syed and Laura roll a ball in different
directions along a line split into metres.



a

Syed stands on 0 metres and rolls the ball
forwards 5 metres.

Laura then rolls the ball 8 metres backwards.

Where does the ball end up?

-3

1 mark

b

They start from 0 again.

This time, Laura rolls the ball backwards
one more metre than Syed's first roll.

Where does the ball end up?

-1

1 mark

	Requirement	Mark	Additional guidance
Q1	72 720 7,200	1	
Q2	This is less than 200 minutes. There are 60 minutes in an hour and so $3 \times 60 = 180$ minutes.	1	
Q3a	-3	1	
Q3b	-1	1	