

**Q1**

Harry calculates four different amounts.

- A  $\frac{1}{5}$  of 60
- B 90 shared into three equal groups
- C  $\frac{2}{3}$  of 18
- D A quarter of 100

Which of the four calculations is the odd one out? Explain your answer.

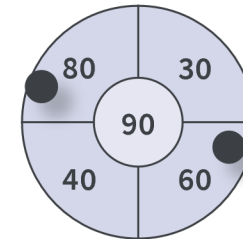
*See mark scheme for examples*

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1 mark**Q2**

Emily throws two plastic balls at a target.

She multiplies the two numbers together to get her final score.



Is Emily's final score more or less than 5,000? Explain your answer.

*Yes*

*See mark scheme for examples*

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1 mark

**Q3**

Muhammad and Ethan are counting along a number line.

If they need to, the children count across zero.

Muhammad counts forwards in twos from  $-15$ . He counts six numbers, not including  $-15$ .

Ethan counts backwards in threes from  $9$ . He counts five numbers, not including  $9$ .

What numbers do they end on?

Muhammed ends on

$-3$

Ethan ends on

$-6$

2 marks

	Requirement	Mark	Additional guidance
Q1	Accept any reasonable answers, for example: <b>C</b> because multiplication is needed as well as division to find the answer. <b>D</b> because all the other answers are multiples of 6.	1	This question is open-ended, but has been designed to encourage children to use reasoning to explain their answers. Although several answers are possible, children should be able to recognise that calculation C involves two distinct steps (division and multiplication) and the others only involve one (division).
Q2	Emily's score is less than 5,000 because $80 \times 60 = 4,800$ .	1	
Q3	-3, -6 Award <b>ONE</b> mark per correct answer.	2	