

Measure and accuracy – GCSE Mathematics Paper 3**1. No.5(a)****(a)** Write a suitable unit for measuring each amount.

One has been done for you.

[2 marks]

	Unit
Distance from London to Manchester	kilometres
Length of a pencil	
Mass of a pound coin	

2. No.12

A dolphin and a whale are drawn to scale.



Dolphin



Whale

The actual length of the dolphin is 3 metres.

Estimate the actual length of the whale.

You **must** show your working.

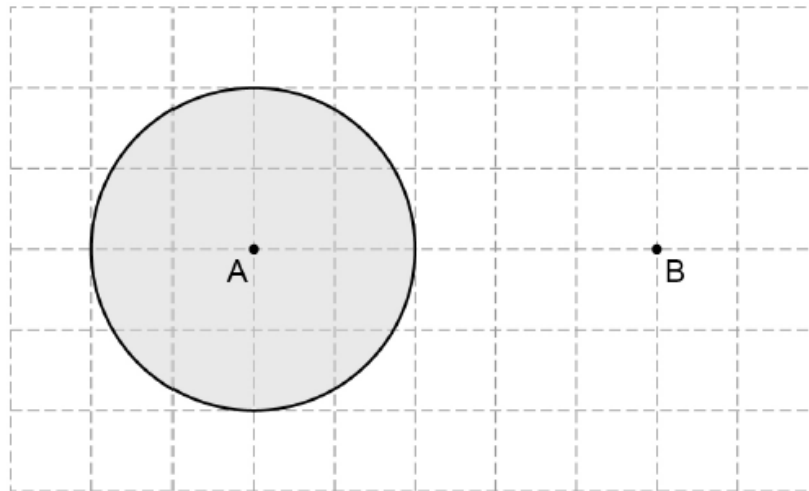
[2 marks]

Answer _____ metres

3. No.16

(a) Towns A and B are shown on a centimetre grid.

Scale: 1 cm represents 10 miles



What does the shaded area represent?

Tick **one** box.

[1 mark]

☐

All the points nearer to A than to B

☐

All the points at least 30 miles from B

☐

All the points halfway between A and B

☐

All the points within 20 miles of A

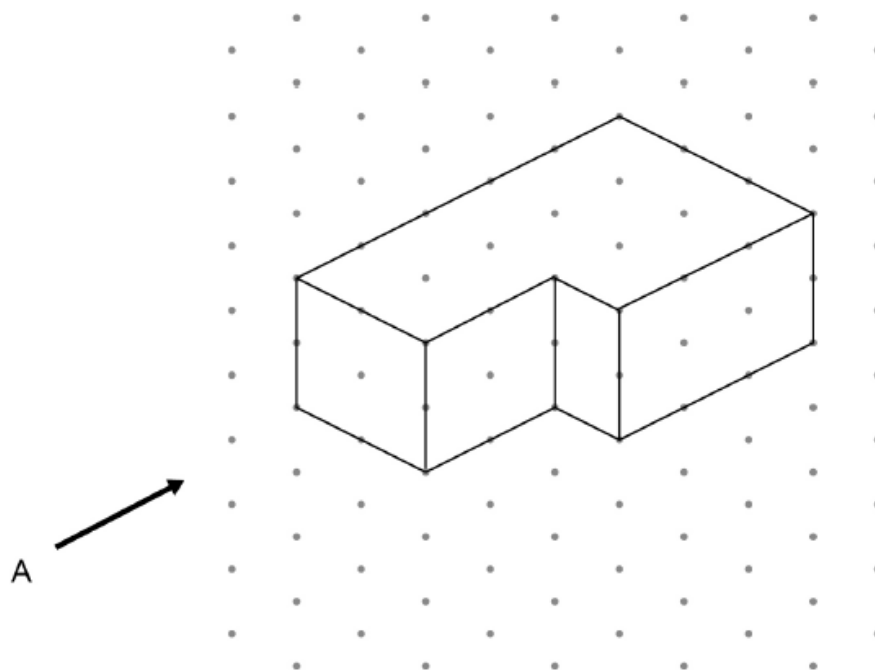
- (b) Complete an accurate drawing of triangle PQR so that
angle QPR is 53°
the length of side PR is 7.5 cm

[2 marks]



4. No.29

A solid shape is drawn on isometric paper.



(a) On the centimetre grid, draw the elevation of the shape from A.

[1 mark]



(b) On the centimetre grid, draw a plan of the shape.

[1 mark]

