

Topic 12 Scale and Distance

1 Complete the statements.

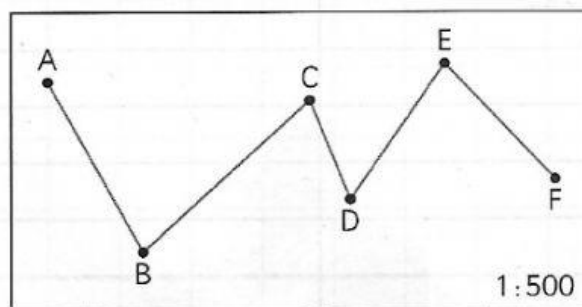
- a If the scale is 1 : 100, then 1 cm on the map = _____ in reality.
- b If the scale is 1 : 1 000, then 1 cm on the map = _____ in reality.
- c If the scale is 1 : 1 000, then 1 mm on the map = _____ in reality.
- d If the scale is 1 : 10 000, then 1 cm on the map = _____ in reality.

2 Mario is going to do a scale drawing using a scale of 1 : 100.

Draw a line to show accurately what length each of these real distances would be on his diagram.

- a 100 cm
- b 750 cm
- c 4.5 m
- d 15 m
- e 10.2 m

3 Measure the length of each line between each pair of points. Complete the table.



	A to B	B to C	C to D	D to E	E to F
Distance on Diagram					
Distance in Reality					