

## Interpreting Map Scales

(a)	(b)	(c)	(d)
A drawing has a scale of $1\text{ cm} : 2\text{ m}$	A street map has a scale of $1\text{ cm} : 20\text{ m}$	A regional map has a scale of $1\text{ cm} : 8\text{ km}$	A map has a scale of $3\text{ cm} : 10\text{ miles}$
(i) What distance does 5 cm represent in real-life?	(i) What distance does 3 cm represent in real-life?	(i) What distance does 6 cm represent in real-life?	(i) What distance does 12 cm represent in real-life?
(ii) What distance does 13 cm represent in real-life?	(ii) What distance does 8 cm represent in real-life?	(ii) What distance does 15 cm represent in real-life?	(ii) What distance does 7.5 cm represent in real-life?
(iii) What distance does 8.5 cm represent in real-life?	(iii) What distance does 4.5 cm represent in real-life?	(iii) What distance does 6.4 cm represent in real-life?	(iii) What distance does 9.3 cm represent in real-life?
(iv) What distance on the drawing represents 24 m in real-life?	(iv) What distance on the map represents 120 m in real-life?	(iv) What distance on the map represents 32 km in real-life?	(iv) What distance on the map represents 20 miles in real-life?
(v) What distance on the drawing represents 7 m in real-life?	(v) What distance on the map represents 10 m in real-life?	(v) What distance on the map represents 68 km in real-life?	(v) What distance on the map represents 50 miles in real-life?
(vi) What distance on the drawing represents 10.5 m in real-life?	(vi) What distance on the map represents 65 m in real-life?	(vi) What distance on the map represents 130 km in real-life?	(vi) What distance on the map represents 72 miles in real-life?