Practice worksheet | Ratio, rates and similarity

Scale drawings/maps

Name: _____ Date: _____

6 questions | 13 marks

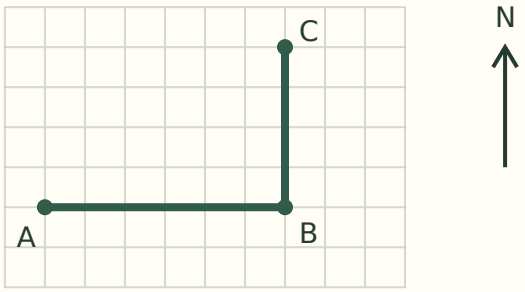
1. State what 1 cm represents on a $1:20\,000$ map, in metres. [2 marks]

2. A distance is 4.8 cm on a $1:50\,000$ map. Find its actual length. [2 marks]

3. Drawn at $1:200$, what length represents a 14 m wall? [2 marks]

4. A model is 18 cm long and represents a 9 m vehicle. Find the scale. [2 marks]

5. On the supplied map, find only the actual distance A-B. [2 marks]



Each square is 1 cm on the map.
Scale 1 : 50 000

6. A plan marked $1:100$ is enlarged so every printed length doubles. What is its new scale? [3 marks]