

MTH 2-17d

Homework 2

Bronze Level

Outcome 1 - Scale Drawings

For each of the following scale drawings, calculate the actual lengths of the rooms...

1

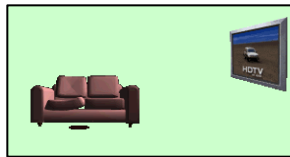
Scale:
1 cm to 3 m



Length of drawing = 2 cm
Actual Length = ? m

2

Scale:
1 cm to 4 m



Length of drawing = 4 cm
Actual Length = ? m

3

Scale:
1 cm to 6 m



Length of drawing = 7 cm
Actual Length = ? m

4

Scale:
1 cm to 30 m



Length of drawing = 2 cm
Actual Length = ? m

Outcome 2 - Reading Maps

For each of the following maps, calculate the actual distance between the two places...

1

Scale:
1 cm to 4 miles



Distance on map = 6 cm
Actual distance = ? m

2

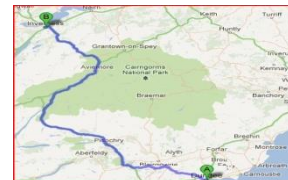
Scale:
1 cm to 8 miles



Distance on map = 4 cm
Actual distance = ? m

3

Scale:
1 cm to 9 miles



Distance on map = 12 cm
Actual distance = ? m

4

Scale:
1 cm to 40 miles



Distance on map = 3 cm
Actual distance = ? m