Unit 102: Introduction to the trades in the construction and built environment sector

# Worksheet 5: Working with scales (tutor)

Calculate the true lengths of the dimensions taken from a drawing using the scales provided.

1. 52mm drawn at a scale of 1:5 = 52mm × 5 = 260mm
2. 18mm drawn at a scale of 1:20 = 18mm × 20 = 360mm
3. 25mm drawn at a scale of 1:50 = 25mm × 50 =1.250m
4. 42mm drawn at a scale of 1:100 = 42mm × 100 = 4.200m
5. 33mm drawn at a scale of 1:500 = 33mm × 500 = 16.500m