# Unit 112: Construction operations and civil engineering operations

# Worksheet 37: Calculations – volume (learner)

You should now understand how to calculate volume quantities.

1. Work out the following volumes of the garden plots to find out how much concrete would be needed – the depth of plots 1 to 4 is 100mm.

**Plot 1**

2.4m wide

4m long

Answer:

**Plot 2**

5.4m wide

8.9m long

Answer:

**Plot 3**

8.2m wide

9.8m long

Answer:

**Plot 4**

9.7m wide

6m long

Answer:

1. Work out the following volumes of the garden plots to find out how much concrete would be needed – the depth of plots 5 to 8 is 200mm.

**Plot 5**

6.9m wide

2.5m long

Answer:

**Plot 6**

6.4m wide

7.6m long

Answer:

**Plot 7**

9.2m wide

5.8m long

Answer:

**Plot 8**

9.7m wide

6.9m long

Answer: