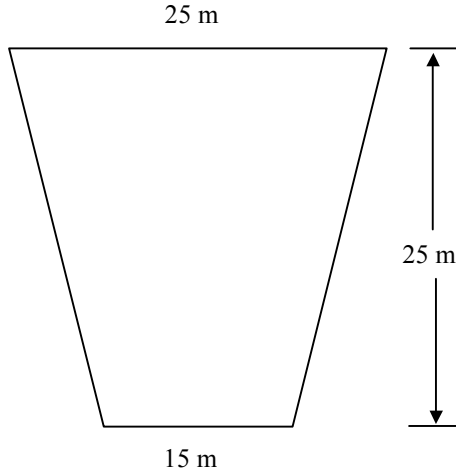


## Chapter 1 Task for Web

### Task Landscape Design

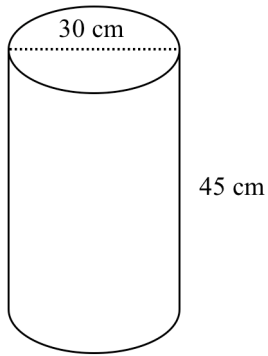
You have been hired to landscape this trapezoid-shaped backyard.



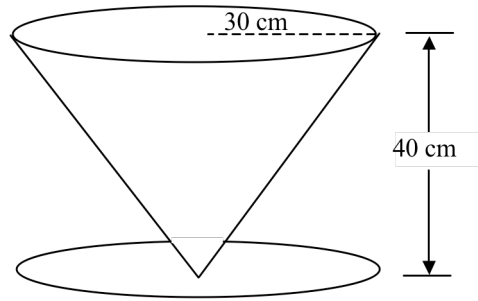
1. Your clients want three or more of each type of planter. They also want at least one flowerbed, which can be any size.

**Planters** (not to scale):

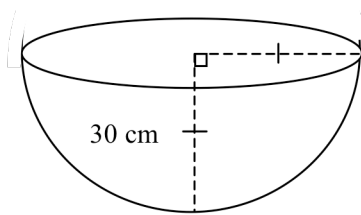
*Cylinder*



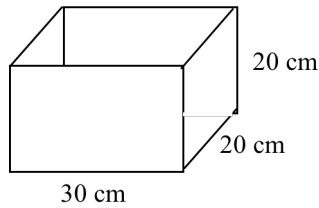
*Cone*



*Semi-hemisphere*



*Rectangular prism*



Chose the planters and decide where to place them and the flowerbed(s). Make a scale drawing of your design.

## Chapter 1 Task for Web

2. To make a flowerbed, you need to remove the sod and replace it with a 6 cm depth of topsoil. Calculate the total amount of topsoil needed for the flowerbed(s) and planters, in cubic metres.

3. Your clients want plants in all the flowerbed(s) and planters.

Plants come in five sizes:

- Very large plants grow to a diameter of approximately 1 m.
- Large plants grow to a diameter of approximately 60 cm.
- Medium plants grow to a diameter of approximately 30 cm.
- Small plants grow to a diameter of approximately 15 cm.
- Very small plants grow to a diameter of approximately 7.5 cm.

Choose plants for the flowerbed(s) and planters. Calculate the total number of each type of plant.

4. Your clients like your design but want you to suggest another design feature. Research the cost of a deck and/or the cost of trees for your clients. Add a deck or several trees (or both) to your design if there is space.