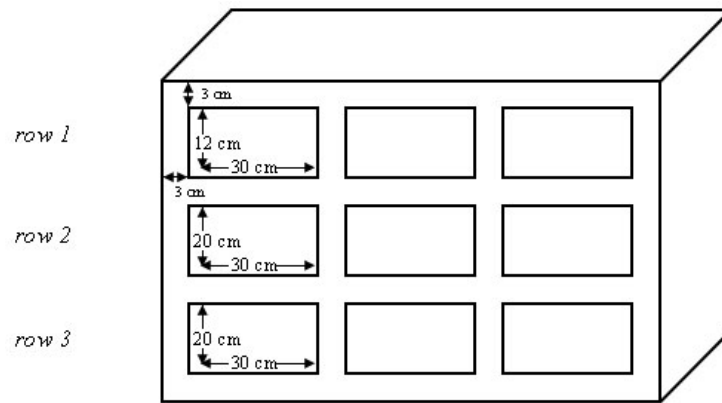


# How big is the dressing table?

This task is about calculating width, height, perimeter, area and volume.

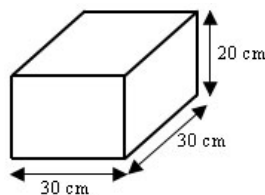


The dressing table above has three rows, and each row has three drawers. The drawers have the following measurements:

- all drawers are 30 cm wide
- row 1 drawers are 12 cm high
- row 2 and row 3 drawers are 20 cm high
- all spaces around the drawers are 3 cm

- i) What is the **width** of the dressing table? \_\_\_\_\_ cm
- a) ii) What is the **height** of the dressing table? \_\_\_\_\_ cm
- b) What is the **perimeter** of the **front face** of the dressing table? \_\_\_\_\_ cm
- c) What is the **area** of the **front face** of the dressing table? \_\_\_\_\_ cm<sup>2</sup>

The diagram below shows the measurements of one of the bottom drawers of the dressing table.



- d) What is the **volume** of the drawer? \_\_\_\_\_ cm<sup>3</sup>