Name ....
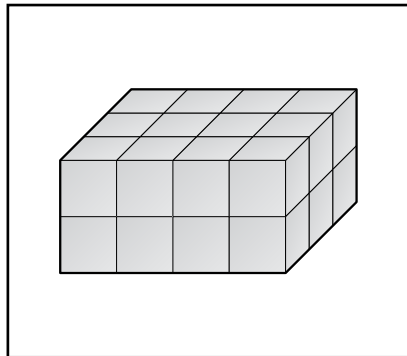
Volume and surface area

The pictures show models made from centimetre cubes.
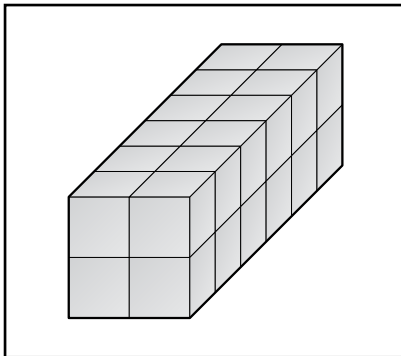Write the volume and surface area of each model.
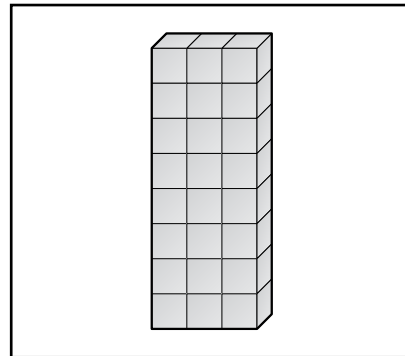
1.

Volume = ...24... cm³

Surface area = ... cm²

2.

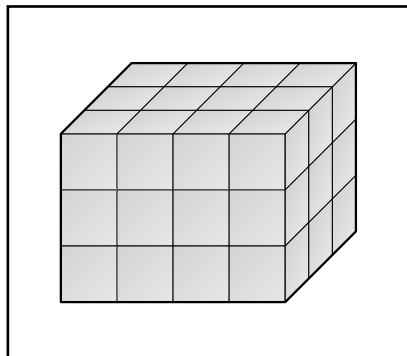Volume = ... cm³

Surface area = ... cm²

3.

Volume = ... cm³

Surface area = ... cm²

4.

Volume = ... cm³

Surface area = ... cm²

5.
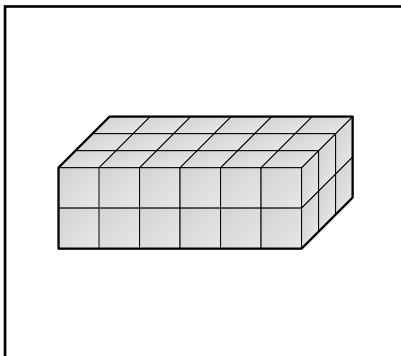
Volume = ... cm³

Surface area = ... cm²

6.
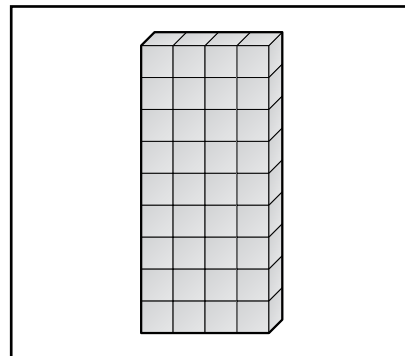
Volume = ... cm³

Surface area = ... cm²

7. Choose 3 shapes with the same volume. What do you notice about their surface areas?

_____

_____

8. If you had 30 cubes, what types of shape would you make to get the largest surface area?

_____

_____

I can find volumes and surface areas

Measure: Understanding and explaining