

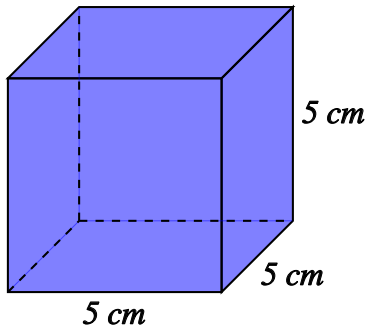
Surface Area of 3D Shapes - basics

Name: _____ Class: _____ Date: _____

Mark / 9 %

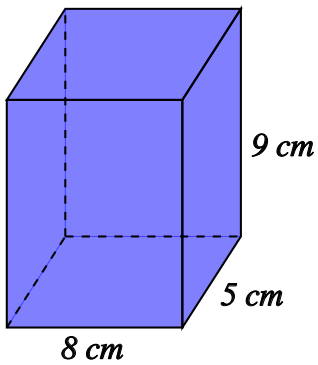
1) Find the surface area of the cube

[1]



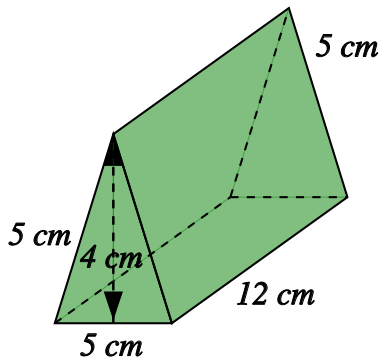
2) Find the surface area of the cuboid

[1]



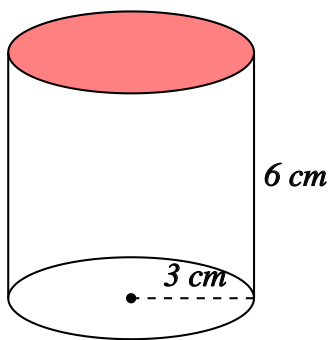
3) Find the surface area of the triangular prism

[1]



4) Find the surface area of the cylinder, rounding your answer to 3 significant figures

[1]



5) A cube has sides of length 2 cm. Find its surface area.

[1]

6) A cube has a surface area of 384 cm^2 . Find its length.

[1]

7) A cuboid has length, width and height of 4 cm, 2 cm and 3 cm, respectively. Find its surface area.

[1]

8) A triangular prism has a length of 12 cm. Its cross-section is an equilateral triangle which has sides of length 2 cm. Find the surface area of the triangular prism, rounding your answer to 3 significant figures.

[1]

9) A solid cylinder has a radius of 5 cm. Find its surface area, rounding your answer to 3 significant figures

[1]

Solutions for the assessment Surface Area of 3D Shapes - basics

1) Surface area = 150 cm^2

2) Surface area = 314 cm^2

3) Surface area = 200 cm^2

4) Surface area = 170 cm^2

5) Surface area = 24 cm^2

6) Length = 8 cm

7) Surface area = 52 cm^2

8) Surface area = 75.5 cm^2

9) Surface area = 314 cm^2