Integrated Math 3

Unit 2: Geometric Proofs & Modeling

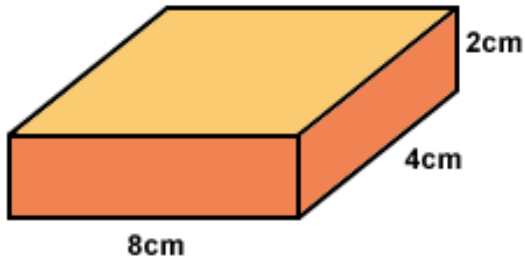2.0 Worksheet

Name: _____

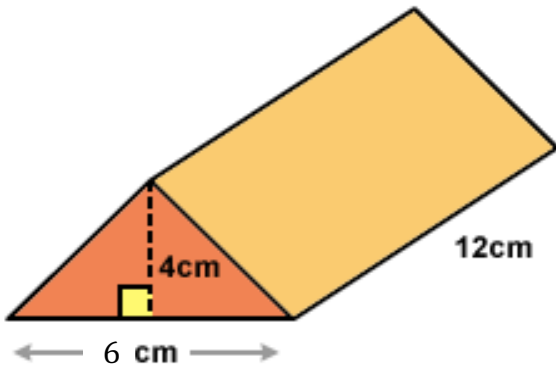Date:_____ Period:_____

Surface Area & Volume

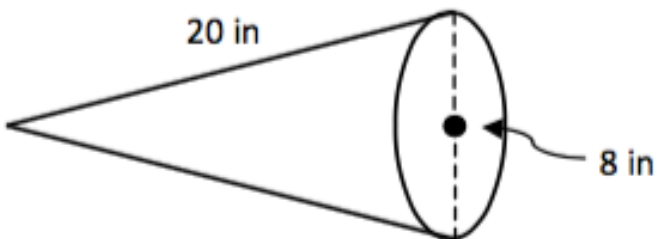1. Find the volume and the surface area of the rectangular prism below.

Surface Area:

2cm

4cm

8cm

Volume:

2. Find the volume and surface area for the triangular prism below.

Surface Area:
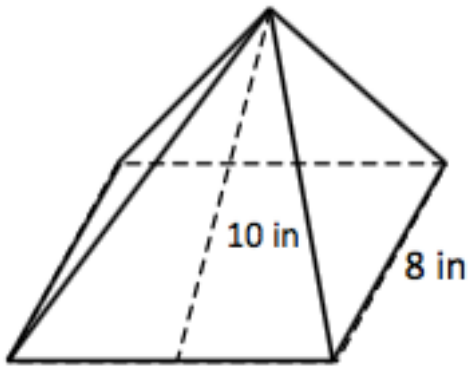
12cm

4cm

6 cm

Volume:

3. Find the surface area and volume for the cone below.
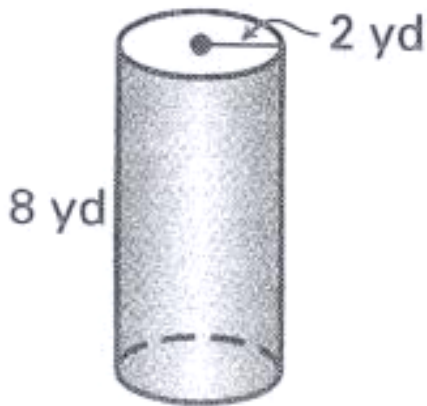
Surface Area:

20 in

8 in

Volume:

4. Find the surface area and volume for the square pyramid below.

Surface Area:

10 in

8 in

Volume:

5. Find the surface area and volume for the cylinder below.

Surface Area:

2 yd

8 yd

Volume:

6. Work out the volume of this cube and give your answer in litres. (Hint: 1 litre = 1000 cubic centimeters)

20cm