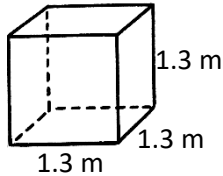Name_____ Group_____

Lateral Area and Surface Area Assignment

1. Calculate each of the following for the solid below:
   a) Area of Base(s)
   b) Lateral Area
   c) Total Surface Area

1.3 m

1.3 m

1.3 m

2. Calculate each of the following for the solid below:
   a) Area of Base(s)
   b) Lateral Area
   c) Total Surface Area

4 cm.

5 cm.

8 cm.

3 cm.

3. A cylinder has a radius of 18mm and a height of 72mm. Calculate each of the following:
   a) Area of Base(s)
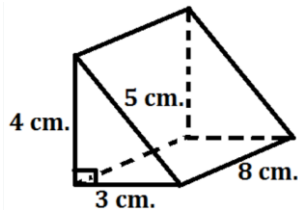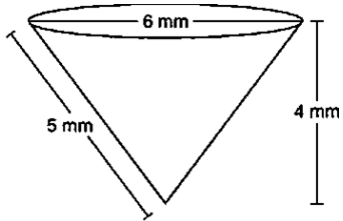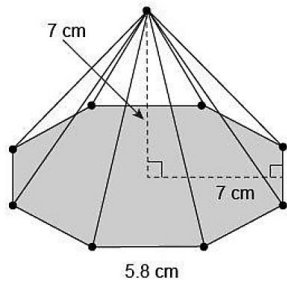   b) Lateral Area
   c) Total Surface Area

4. Calculate each of the following for the solid below:
   a) Area of Base(s)
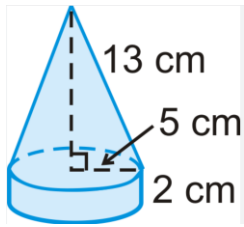   b) Lateral Area
   c) Total Surface Area

5. Calculate each of the following for the solid below:
   a) Area of Base(s)
   b) Lateral Area
   c) Total Surface Area

6. Calculate total surface area for a sphere with a radius of 7 m.

7. **Determine the surface area of the composite solid below.**

13 cm

5 cm

2 cm

8. **Determine the surface area of the composite solid below.**

5 cm

10 cm

20 cm

6 cm