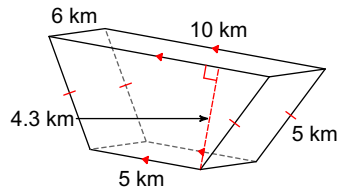Name_____ ID: 1

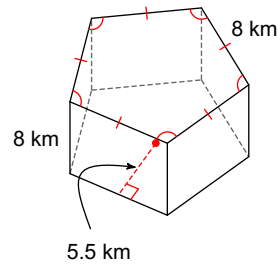## Surface Area and Volume of Prisms

Find the lateral area of each figure. Round your answers to the nearest hundredth, if necessary.
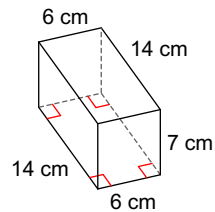
1)

6 km
10 km
4.3 km
5 km
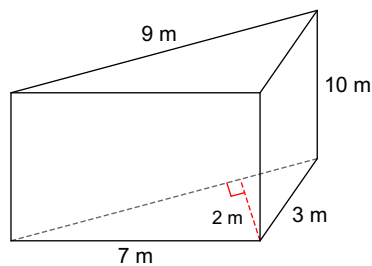5 km
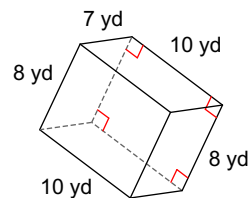
2)

8 km
8 km
5.5 km

3)

6 cm
14 cm
7 cm
14 cm
6 cm

Find the surface area of each figure. Round your answers to the nearest hundredth, if necessary.

4)

9 m
10 m
2 m
3 m
7 m

5)

7 yd
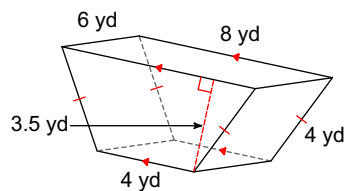10 yd
8 yd
8 yd
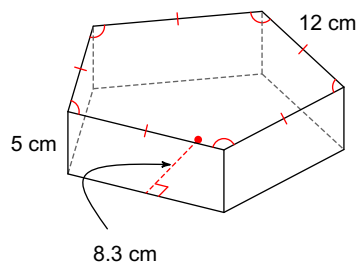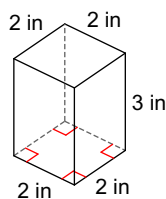10 yd

6)

6 yd   8 yd

3.5 yd——→

4 yd

4 yd

Find the lateral area and surface area of each figure. Round your answers to the nearest hundredth, if necessary.

7)

12 cm

5 cm

8.3 cm

8)

2 in   2 in

3 in

2 in   2 in

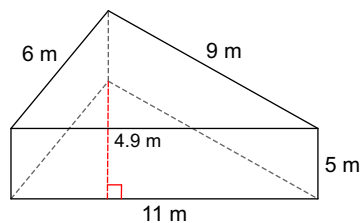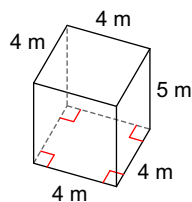**Find the volume of each figure. Round your answers to the nearest hundredth, if necessary.**

9)

6 m   9 m

4.9 m

5 m

11 m
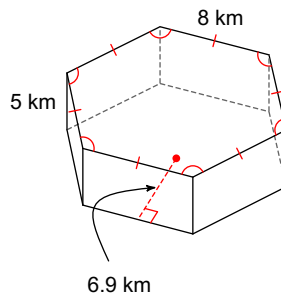
10)

4 m

4 m

5 m

4 m

4 m

11)

12 cm   9 cm

4.3 cm——→

4 cm

5 cm

12)

8 km

5 km

6.9 km
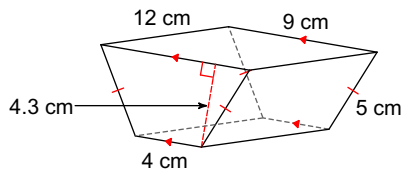
Answers to Surface Area and Volume of Prisms (ID: 1)

1) 150 km²

2) 320 km²

3) 280 cm²

4) 208 m²

5) 412 yd²

6) 162 yd²

7) 300 cm²; 798 cm²

8) 24 in²; 32 in²

9) 134.75 m³

10) 80 m³

11) 335.4 cm³

12) 828 km³