Geometry & Trig Review

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

1)

11 cm
6 cm
7 cm
7 cm
6 cm

2)

2 km
3 km
4 km
5 km

3)

7.6 in
6 in
6 in

4)

3 mi
9.5 mi

5)

6 yd
3 yd

6)

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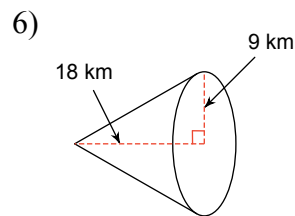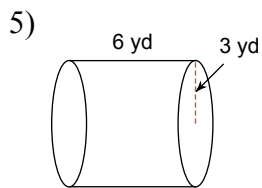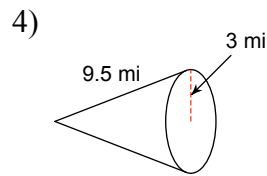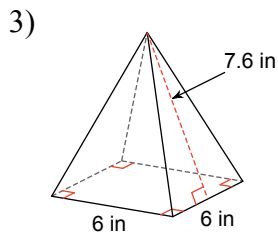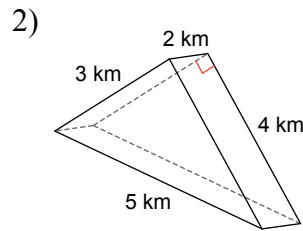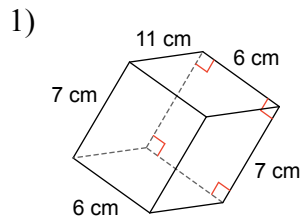
Find the volume of each figure. Round your answers to the nearest hundredth, if necessary.

7)

12 in
9 in
2 in
9 in
12 in

8)

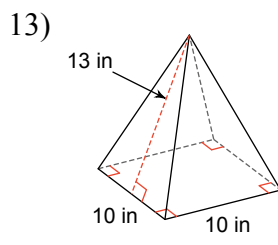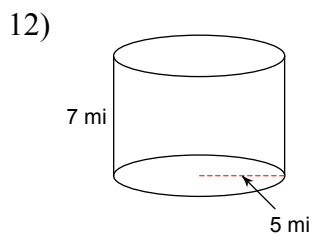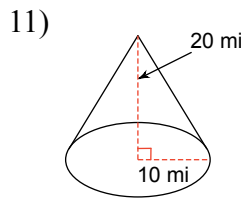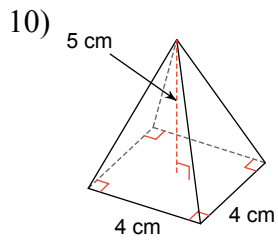6 mi
4 mi
3 mi
5 mi

9)

2 m

10)

5 cm

4 cm   4 cm

11)

20 mi

10 mi

12)

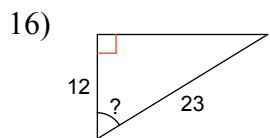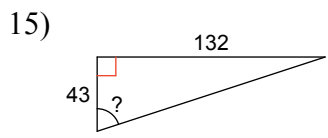7 mi

5 mi

13)

13 in

10 in   10 in
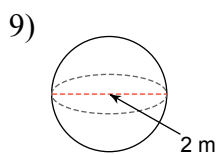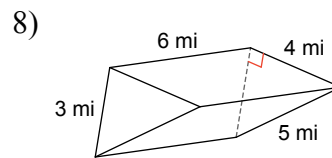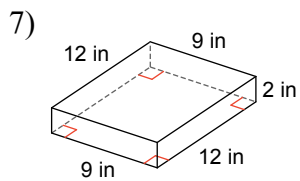
Find the area of each figure. Round your answer to the nearest tenth.

14) A triangle with two sides that measure 2 mi and
8 mi with an included angle of 140°.

Find the measure of the indicated angle to the nearest degree.

15)

132

43   ?

16)

12

?   23

Find the missing side. Round to the nearest tenth.

17)

17

x

37°

18)

11

19°

x