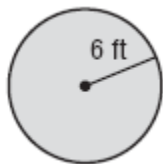# Ch 8 Practice Test

1. What is the circumference of the circle? Use 3.14 for π. Round to the nearest tenth.
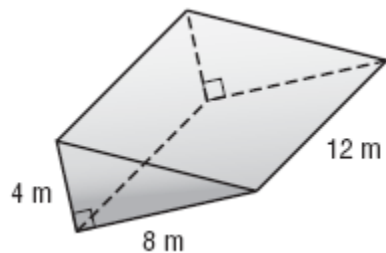

26.3 yd

2. To the nearest tenth, what is the circumference of a circular pond with a radius of 14 meters? Use 3.14 for π.

3. What is the area of the circle? Round to the nearest tenth. Use 3.14 for π.
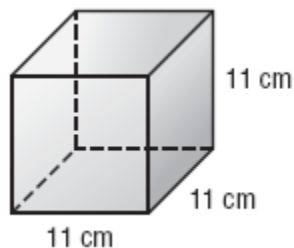

6 ft

4. A rectangular hat box has a volume of 5,184 cubic inches. The box is 2 feet long by 18 inches wide. What is the hat box's height?

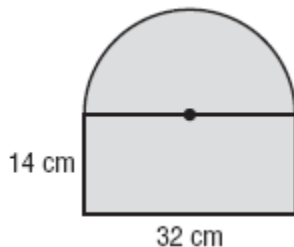5. What is the volume of the right triangular prism?

12 m
4 m
8 m

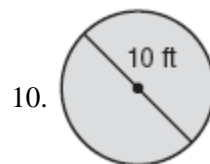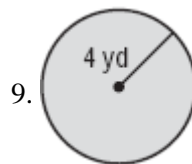6. What is the surface area of the cube?

11 cm
11 cm
11 cm

7. What is the best approximation, in square feet, for the area of a semicircle with a diameter of 11.8 feet? Use 3.14 for π.

8. What is the area of the figure in square centimeters? Round to the nearest tenth if necessary.
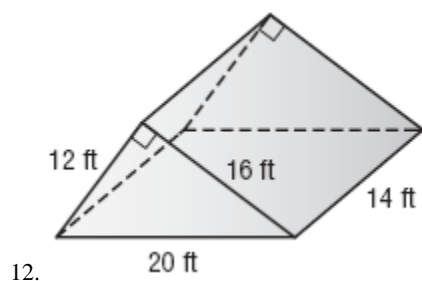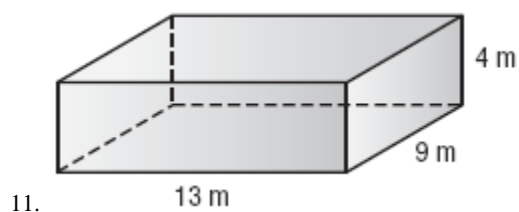

14 cm
32 cm

What is the area of each circle? Use 3.14 for π. Round to the nearest tenth if necessary.
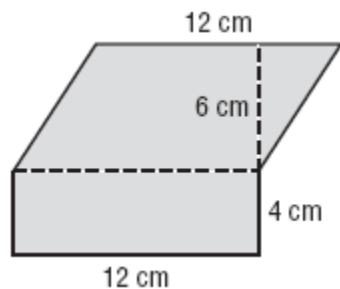

4 yd
9.

10 ft
10.

Ch 8 Practice Test

What is the surface area of each figure? Round to the nearest tenth if necessary.

11.　　　13 m

12.

13. Find the area of the composite figure.

What is the circumference of each circle? Use 3.14 for π. Round to the nearest tenth if necessary.

14.

15.