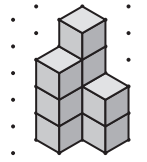


12 Chapter 12 Quiz 1

SCORE _____

(Lessons 12-1 and 12-2)

1. Given the corner view of a figure, draw the left view.

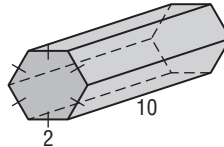


1. _____

2. A cylinder has a lateral area of 120π square meters, and a height of 7 meters. Find the radius. Round to the nearest tenth.

2. _____

3. Find the lateral area of the hexagonal prism.

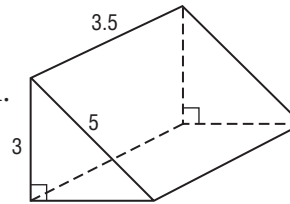


3. _____

4. Find the surface area of a rectangular prism with a length and width of 6 centimeters and a height of 12 centimeters.

4. _____

5. **MULTIPLE CHOICE** Find the surface area of the prism to the nearest hundredth.
A 30.50 **B** 54.00



- C** 49.45 **D** 52.44

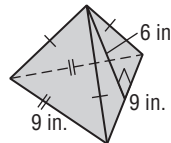
5. _____

12 Chapter 12 Quiz 2

SCORE _____

(Lessons 12-3 and 12-4)

1. Find the surface area of the solid figure at the right to the nearest tenth.



1. _____

For Questions 2 and 3, use a right circular cone with a radius of 5 feet and a slant height of 12 feet. Round to the nearest tenth.

2. Find the lateral area.

2. _____

3. Find the surface area.

3. _____

4. A rectangular prism has a length of 16 feet, a width of 9 feet, and a height of 8 feet. Find the volume of the prism.

4. _____

5. A cylinder has a diameter of 20 inches and a height of 9 inches. Find the volume of the cylinder, round to the nearest tenth.

5. _____