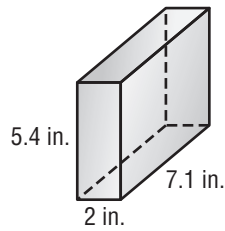


Test, Form 3A

SCORE _____

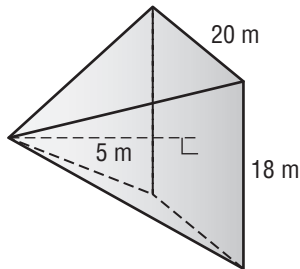
Find the volume of each figure. Round to the nearest tenth if necessary.

1.



1. _____

2.

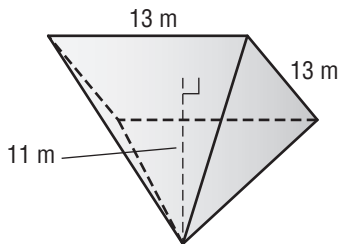


2. _____

3. A storage shed with a flat roof is 4 yards long by 3 yards wide by $2\frac{1}{2}$ yards tall. A cubic yard is equal to 27 cubic feet. How many cubic feet of storage space does the shed enclose?

3. _____

4. What is the volume of the square pyramid? Round to the nearest tenth.

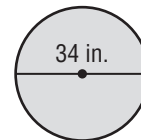


4. _____

5. What is the circumference of a bagel with a diameter of 11.6 centimeters? Use 3.14 for π . Round to the nearest tenth.

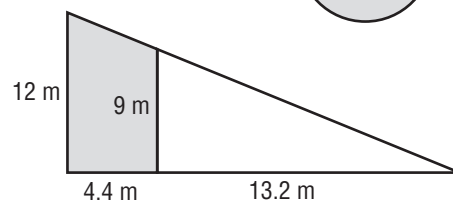
5. _____

6. Find the area of the circle. Round to the nearest tenth. Use 3.14 for π .



6. _____

7. Find the area of the shaded region.

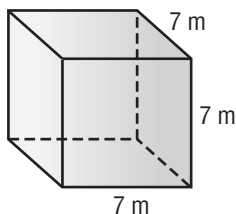


7. _____

Test, Form 3A (continued)

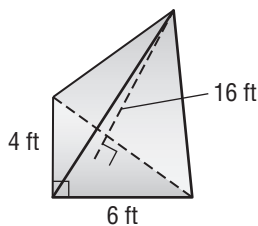
SCORE _____

8. Find the surface area of the cube.



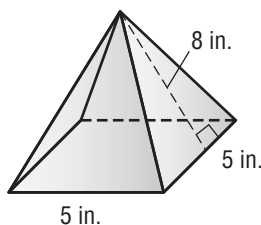
8. _____

9. Find the volume of the pyramid.



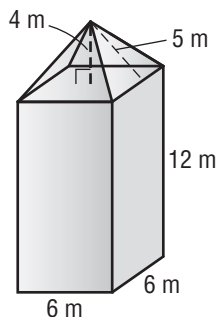
9. _____

10. Find the surface area of the pyramid.



10. _____

11. Find the volume of the composite figure.



11. _____

12. Find the surface area of the composite figure in Exercise 11.

12. _____

13. A drawer is shaped like a rectangular prism. It has a length of 17 inches and a height of 6 inches. The volume is 1,428 cubic inches. Find the width of the drawer.

13. _____

14. A rectangular pyramid has a volume of 190 cubic centimeters. Find two possible sets of measurements for the base area and height of the pyramid.

14. _____