

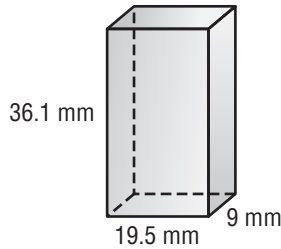
Test, Form 3B

SCORE _____

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

this is one place passed the decimal

1.

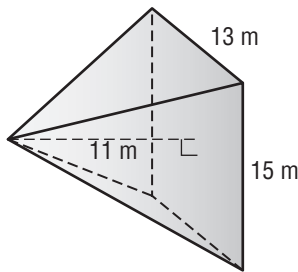


incorrect!

$$6,335.55\text{m}^3 = 3(6,335.55\text{m}) = 19,006.65\text{m}$$

1. 6,335.55m³

2.



correct

$$6,335.6\text{m}^3$$

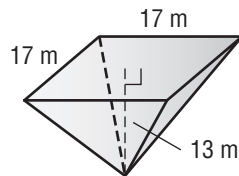
2. 715m³

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

there is enough

3. 18. storage space

4. Find the volume of the square pyramid.

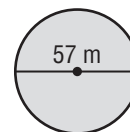


4. 1252.3m³

5. What is the circumference of a Ferris wheel with a radius of 22.5 ft? Use 3.14 for π . Round to the nearest tenth.

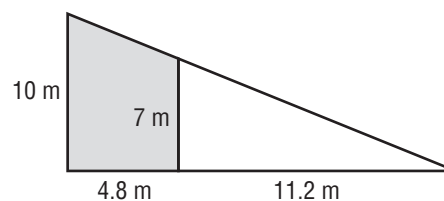
5. ?

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



6. 89.49

7. Find the area of the shaded region.

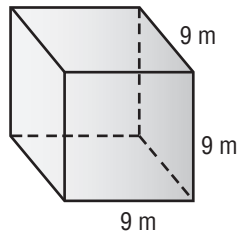


7. 336?

Test, Form 3B *(continued)*

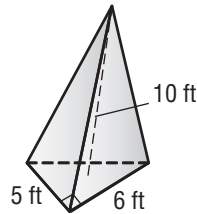
SCORE

8. Find the surface area of the cube.



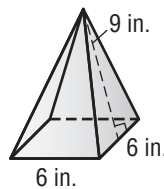
8. 729m²

9. Find the volume of the pyramid.



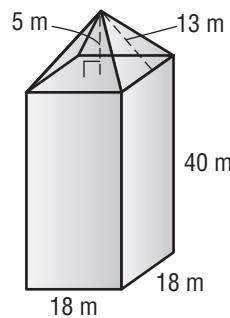
9. 150ft³

10. Find the surface area of the pyramid.



10. 324in²

11. Find the volume of the composite figure.



11.

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

12.

13. A freezer is shaped like a rectangular prism. It has a length of 8 feet and a height of 3 feet. The volume is 54 cubic feet. Find the width of the freezer.

13.

14. A rectangular pyramid has a volume of 210 cubic centimeters. Find two possible sets of measurements for the base area and height of the pyramid.

14.