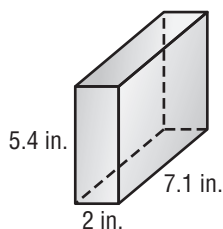


Test, Form 3A

SCORE 23
42

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

1.

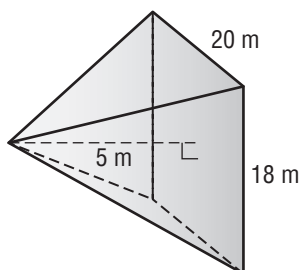


-5 for no exponents listed

-1 inc

1. 63.34in

2.



-1 inc

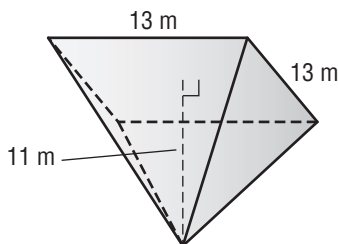
2. 550m

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?

-1 inc

3. 796.5 cubic feet

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



-1 inc

4. 455m

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.

-1 units
inc

5. 36.424c

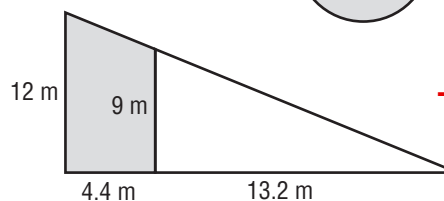
6. Find the area of the circle. Round to the nearest tenth. Use 3.14 for π .



-1 inc

6. 106.76in

7. Find the area of the shaded region.



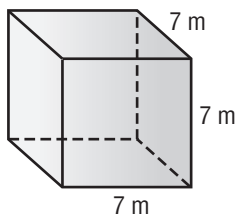
-1 inc

7. 200.4m

Test, Form 3A (continued)

SCORE _____

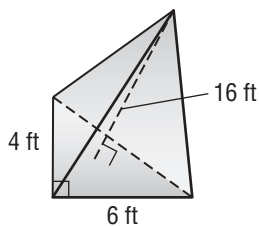
8. Find the surface area of the cube.



-1 inc

8. ~~147m~~

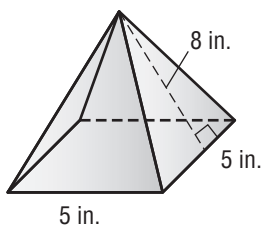
9. Find the volume of the pyramid.



-1 inc

9. ~~184ft~~

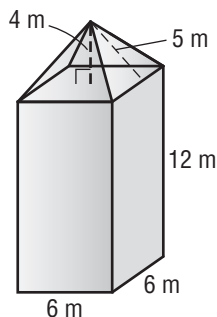
10. Find the surface area of the pyramid.



-1 missing
exponent

10. ~~105in~~

11. Find the volume of the composite figure.



-1 inc

11. ~~212m~~

12. Find the surface area of the composite figure in Exercise 11. -1 inc

12. ~~180m~~

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. ~~102in~~

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. ~~380 cubic c divided by two
570 cubic c divided by 3~~