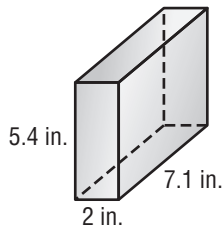


Test, Form 3A

SCORE 31
42

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

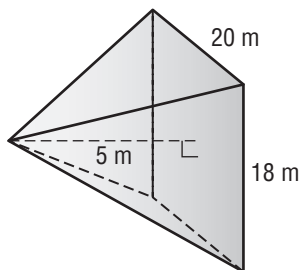
1.



$$5.4 \times 2 \times 7.1 =$$

1. 76.9 cubic in

2.



$$5 \times 18 \times 20 =$$

-1 inc

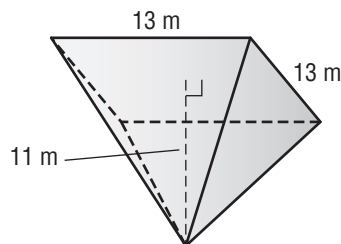
2. 1,800 cubic m

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?

$$(4 \times 3 \times 2.5) \times 27$$

3. 810 cubic ft

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



$$13 \times 13 \times 11 / 3 =$$

-1 no units

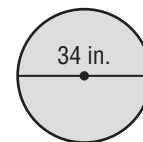
4. 619.67

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.
 $c = 2 \times 3.14 \times 11.6$

-1 inc

5. 72.8849495633

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

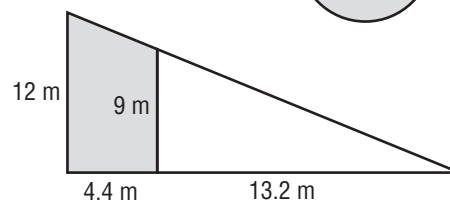


-1 inc

6. A:100.48

7. Find the area of the shaded region.

$$12 \times 4.4 / 2 = 26.4$$



$$4.4 \times 9m / 2 = 19.8$$

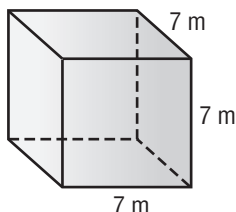
7. 46.2 m²

Test, Form 3A (continued)

SCORE _____

8. Find the surface area of the cube.

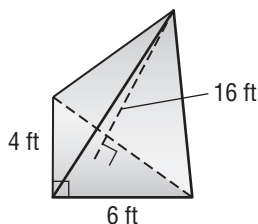
$7 \times 7 \times 7$



-1 inc and no units

8. ~~SA: 343~~

9. Find the volume of the pyramid.

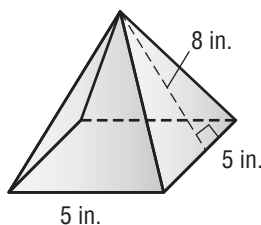


$4 \times 6 \times 16 =$

-1 inc

9. ~~384~~ cubic ft

10. Find the surface area of the pyramid.



$2(5 \times 5) = 50$

$2(8 \times 5) = 80$

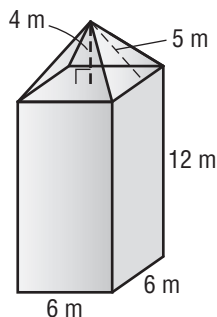
$2(8 \times 5) = 80$

-1 inc

10. ~~SA: 210~~ sq in

11. Find the volume of the composite figure.

$6 \times 6 \times 12 = 432$



$12 \times 5 \times 4 / 2 = 120$

-1 inc

11. ~~520~~ sq m

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

$12 \times 5 \times 4 = 240$

$12 \times 5 / 2 \times 4 = 120$

-1 inc

12. ~~SA: 360~~ sq m

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 inches. Find the width of the drawer.

$17 \times 6 = 102$

$v: 1,428$

102

-1 inc and no units

13. ~~1,530~~

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.

$l \times w \times h = 190$

i don't know this one but i tried to figure out the numbers but i couldn't but i got close :)

14. ~~_____~~

-1 inc