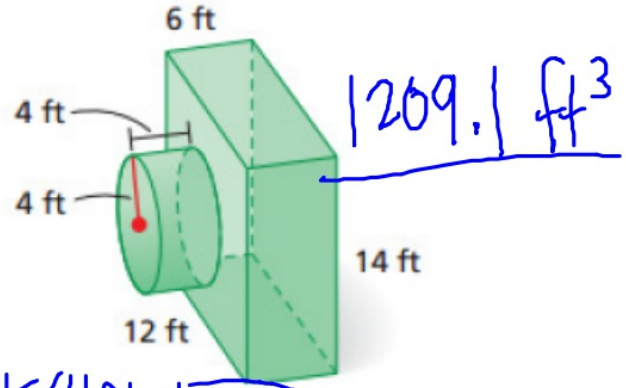
V
12·14·6 = 1008

Find the volume of each composite figure. Round to the nearest tenth.

11.



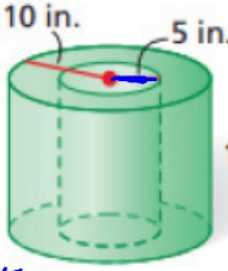
1209.1 ft³

12
6
14

4
4

πR²h
π6²·4 = 64π ≈ 201.1

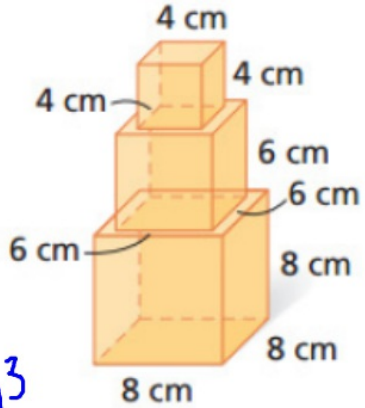
12.



πR²h
π10²·15
1500π
1125π
V = 3534.3
π5²·15
minus
375π

Find the volume of each composite figure.

22.

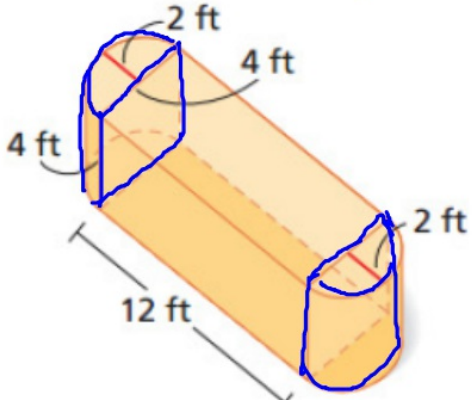


4·4·4
+
6·6·6
+
8·8·8
792 cm³

πR²h
π2²4
50.24

12·4·4
192

23.



242.3 ft³

$\frac{Bh}{3} \quad \frac{18 \cdot 144}{3} = 864$

$\pi 8^2 \cdot \frac{1}{2} 4$

$B = 64 \cdot 4\pi$

$= 256\pi$

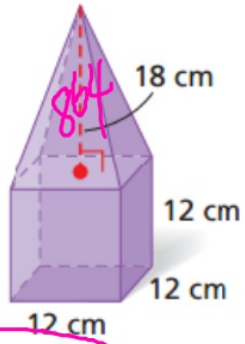
Find the volume of each composite figure. Round to the nearest tenth, if necessary.

18

$12^2 = 144$

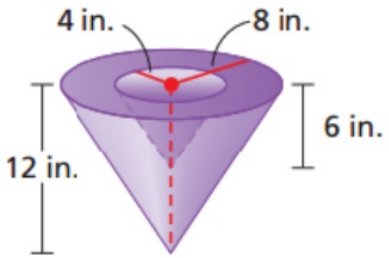
12

11.



$2592\ cm^3$

12.



$203.7\ in^3$

$\frac{\pi R^2 h}{3}$

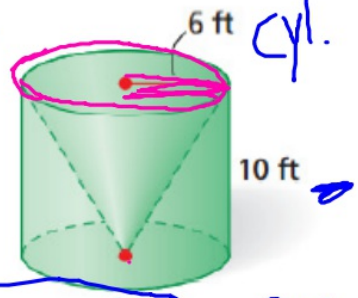
$\frac{\pi(4^2)(6)}{3}$

Smaller 32π

$\pi R^2 h$

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

22.



cyl. $6^2 \cdot 6\pi$

360π

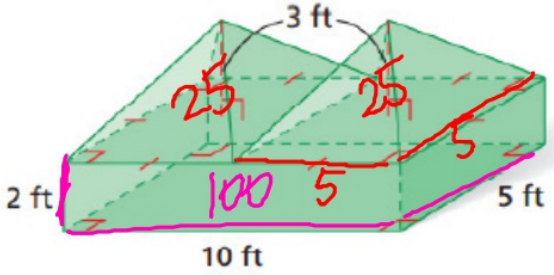
Cone $\frac{6^2 \cdot 10\pi}{3}$

120π

$754.0\ ft^3$

240π

23.



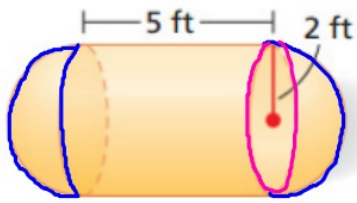
$25^2 = 100 \quad 5$

$150\ ft^3$

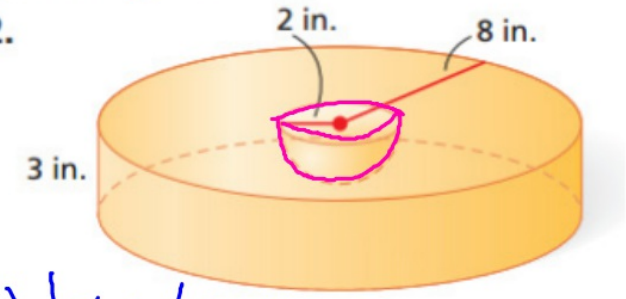
$\frac{1}{3}(25)(3)$

Find the ~~surface area~~ and volume of each composite figure.

11.

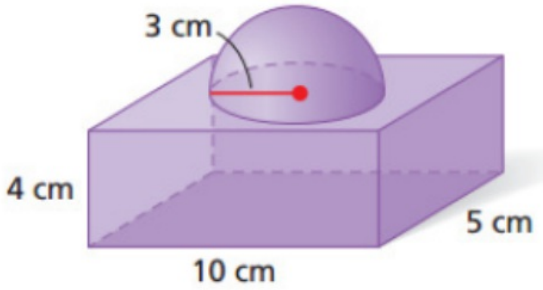


12.



Find the ~~surface area~~ and volume of each composite figure.

22.



23.