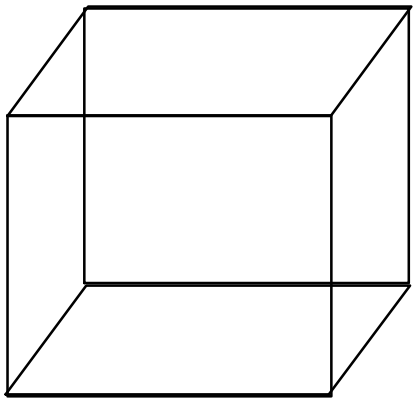
M8 - 7.1 - Volume Formula Shape WS

Find the volume

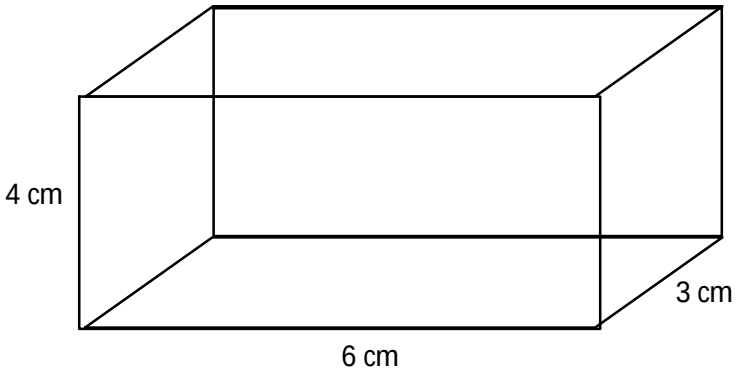
Cube



5 cm

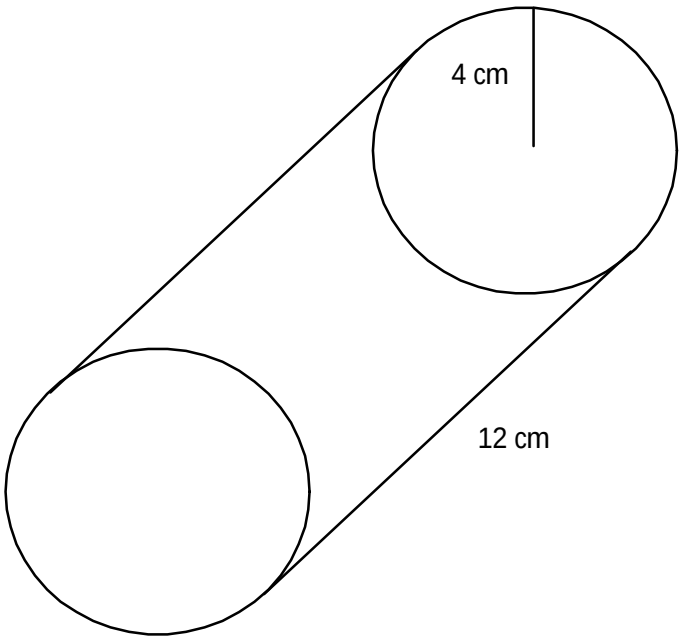
$V = (area\ of\ base) \times (height)$
$V = (l \times w) \times (h)$
$V =$

Rectangular Prism



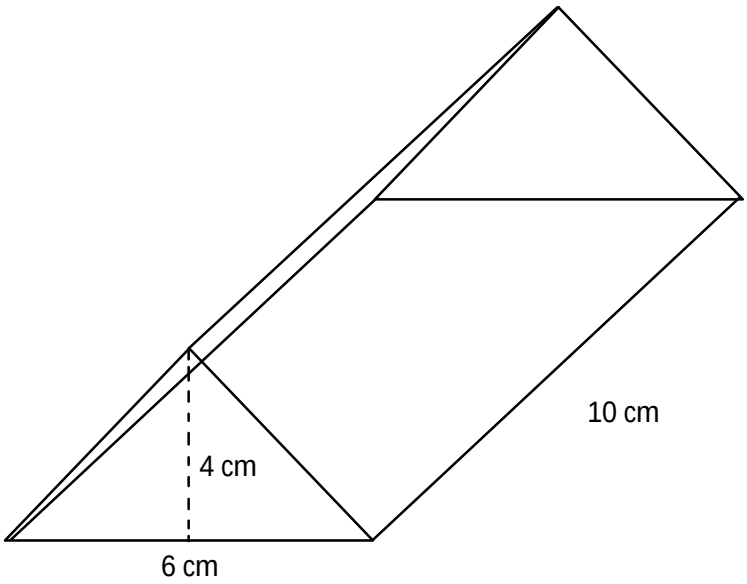
$V = (area\ of\ base) \times (height)$
$V = (l \times w) \times (h)$
$V =$

Cylinder



$V = (area\ of\ base) \times (height)$
$V = (\pi r^2) \times (h)$
$V =$

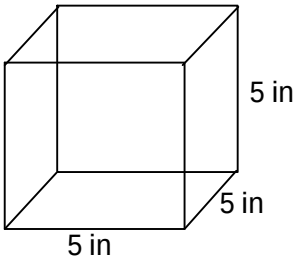
Triangular Prism

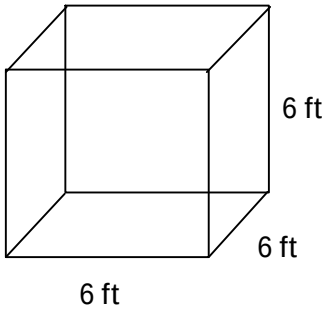


$V = (area\ of\ base) \times (height)$
$V = \left(\frac{b \times h}{2}\right) \times (H)$
$V =$

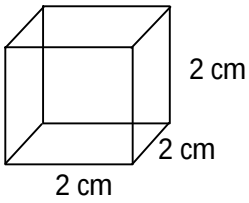
M8 - 7.1 - Cube Volume WS

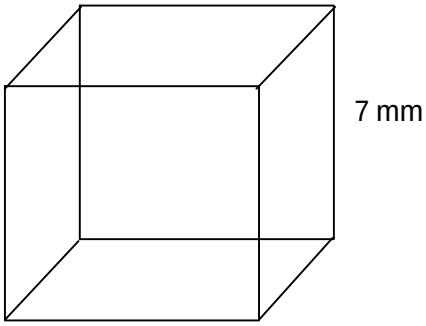
Calculate the volume in the specified units.





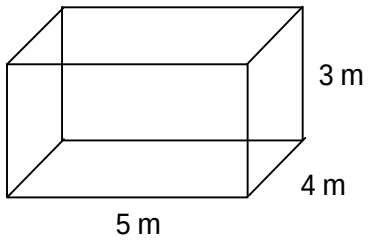
$V = l \times w \times h$
$V = 5 \times 5 \times 5$
$V = 125\ in^3$



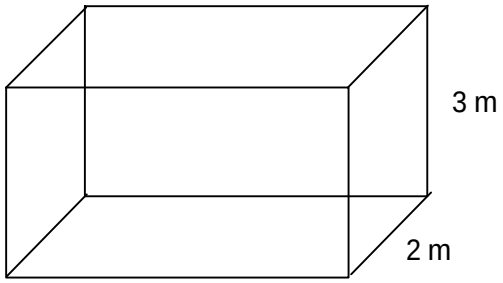


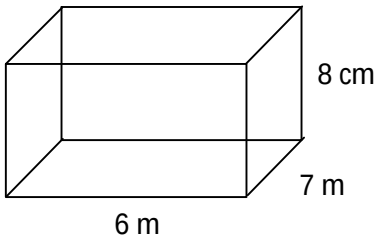
M8 - 7.1 - Rectangular Prism Volume WS

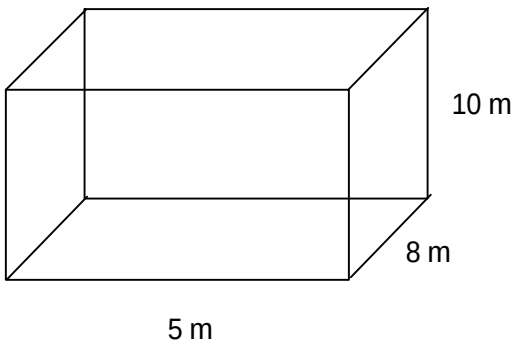
Calculate the volume in the specified units.



$V = 3 \times 4 \times 5$
$V = 60\ m^3$

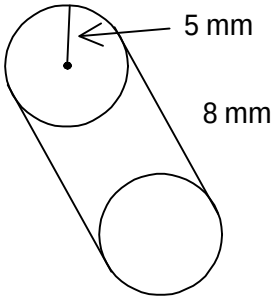




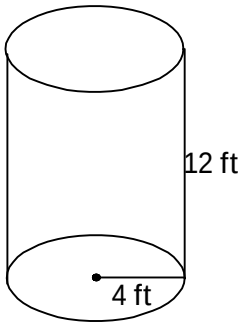


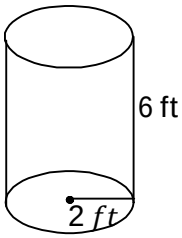
M8 - 7.2 - Cylinder Volume WS

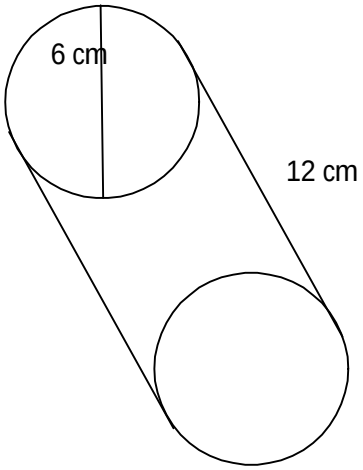
Calculate the volume of the following cylinders.

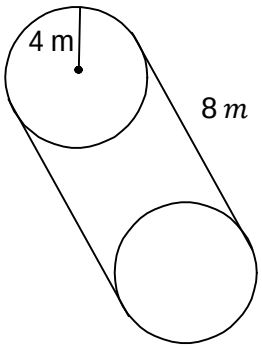


$V = A_{base} \times height$
$V = \pi r^2 \times h$
$V = \pi(5)^2 \times 8$
$V = 25\pi \times 8$
$V = 200\pi$
$V = 628.32\ mm^3$



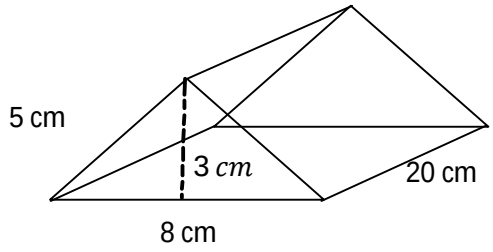


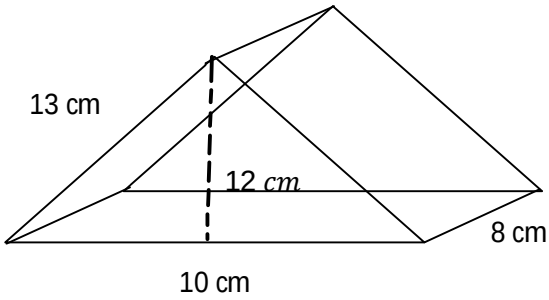


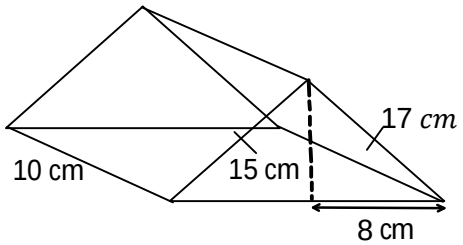


M8 - 7.2 - Triangular Prism Volume WS

Calculate the volume.



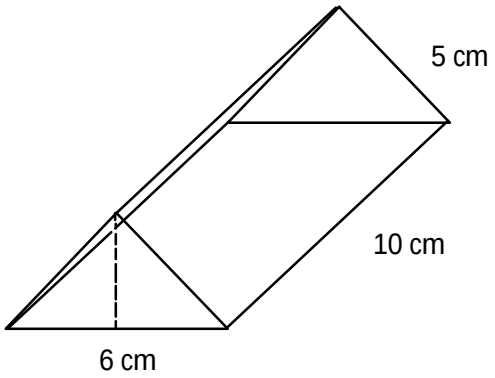


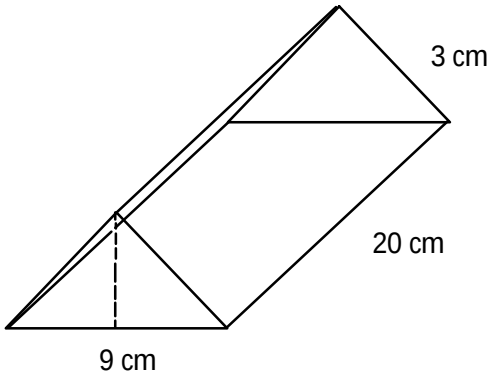


CakeMixMath — Nicholas Cragg, BCOM — 604.505.2867 — Copyright © 2012

M8 - 7.2 - Volume (Tri Pythag Integers/Sqrt) RVW

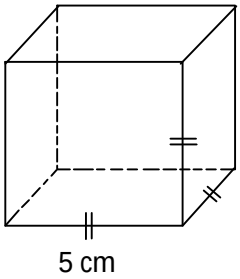
Find the following volumes

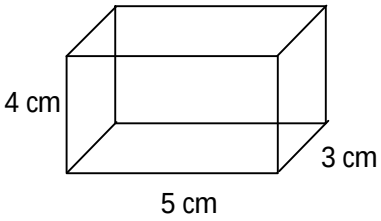


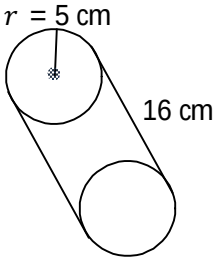


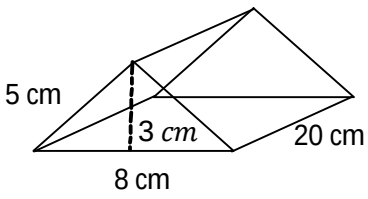
M8 - 7.3 - Volume with Shape HW

Calculate the volume.





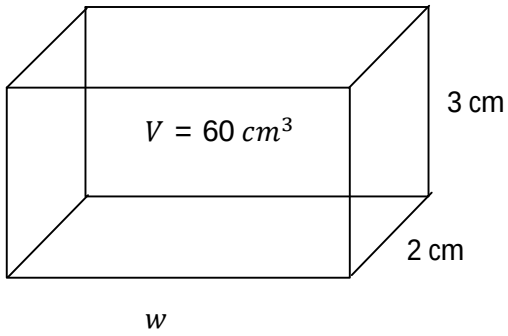




CakeMixMath — Nicholas Cragg, BCOM — 604.505.2867 — Copyright © 2012

M8 - 7.4 - Rectangular Prism Missing Length WS

Find the missing length for the shapes below.



$$V = l \times w \times h$$
$$60 = 2 \times w \times 3$$
$$60 = 6 \times w$$
$$\frac{60}{6} = \frac{6 \times w}{6}$$
$$10\ cm = w$$