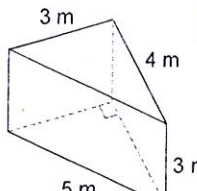
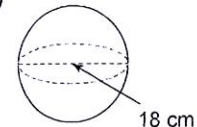
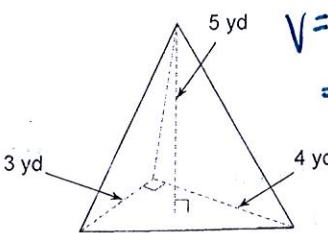


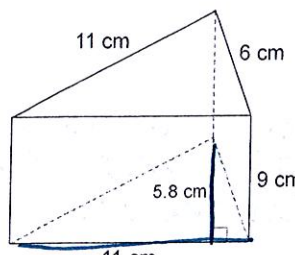
Unit 10 Test Review

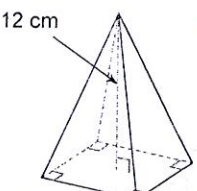
Find the volume of each figure. Round your answers to the nearest tenth, if necessary.

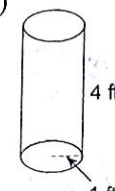
1)   $V = \frac{1}{2} \cdot b \cdot h \cdot l$   
 $= \frac{1}{2} \cdot 3 \cdot 4 \cdot 5$   
 $= 18 \text{ m}^3$

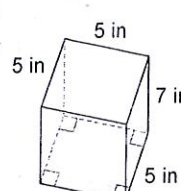
2)   $V = \frac{4}{3} \pi r^3$   
 $= \frac{4}{3} \pi 18^3$   
 $= 3053.6 \text{ cm}^3$

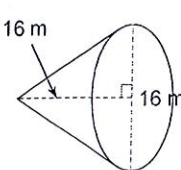
3)   $V = \frac{1}{3} (\frac{1}{2} \cdot b \cdot h) l$   
 $= \frac{1}{3} (\frac{1}{2} \cdot 3 \cdot 4) \cdot 5$   
 $= 10 \text{ yd}^3$

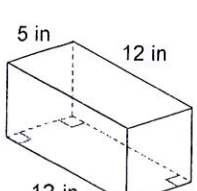
4)   $V = \frac{1}{2} \cdot b \cdot h \cdot l$   
 $= \frac{1}{2} \cdot 11 \cdot 5.8 \cdot 9$   
 $= 287.1 \text{ cm}^3$

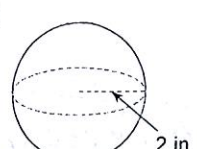
5)   $V = \frac{1}{3} \cdot l \cdot w \cdot h$   
 $= \frac{1}{3} \cdot 8 \cdot 8 \cdot 12$   
 $= 256 \text{ cm}^3$

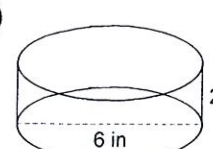
6)   $V = \pi r^2 \cdot h$   
 $= \pi 1^2 \cdot 4$   
 $= 12.6 \text{ ft}^3$

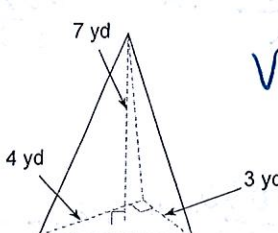
7)   $V = l \cdot w \cdot h$   
 $= 5 \cdot 5 \cdot 7$   
 $= 175 \text{ in}^3$

8)   $V = \frac{1}{3} \pi r^2 \cdot h$   
 $= \frac{1}{3} \pi 16^2 \cdot 16$   
 $= 1072.3 \text{ m}^3$

9)   $V = l \cdot w \cdot h$   
 $= 12 \cdot 5 \cdot 5$   
 $= 300 \text{ in}^3$

10)   $V = \frac{4}{3} \pi r^3$   
 $= \frac{4}{3} \pi 2^3$   
 $= 33.5 \text{ in}^3$

11)   $V = \pi r^2 \cdot h$   
 $= \pi 3^2 \cdot 2$   
 $= 56.5 \text{ in}^3$

12)   $V = \frac{1}{3} (\frac{1}{2} \cdot b \cdot h) l$   
 $= \frac{1}{3} (\frac{1}{2} \cdot 3 \cdot 4) \cdot 7$   
 $= 14 \text{ yd}^3$