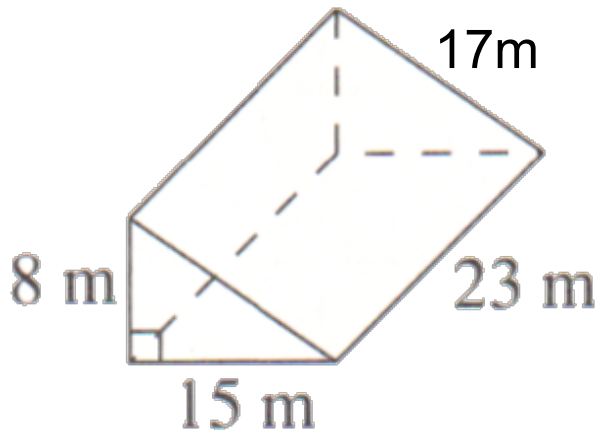


HW: Worksheet/1, 2, 4, 5, 7 (find surface area only)

Warm up:

Find the surface area.



$$\frac{1}{2} \cdot 15 \cdot 8 = 60$$
$$60$$

$$15 \cdot 23 = 345$$

$$23 \cdot 17 = 391$$

$$8 \cdot 23 = 184$$

$$\underline{1040 \text{ m}^2}$$

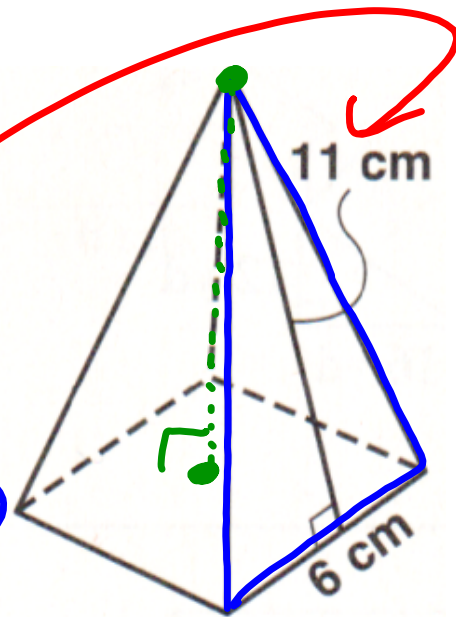
Find the surface area.

$$\frac{1}{2} \cdot 6 \cdot 11 = 33$$



$$6 \cdot 6 = 36$$

$$168 \text{ cm}^2$$



slant height

Find the surface area.

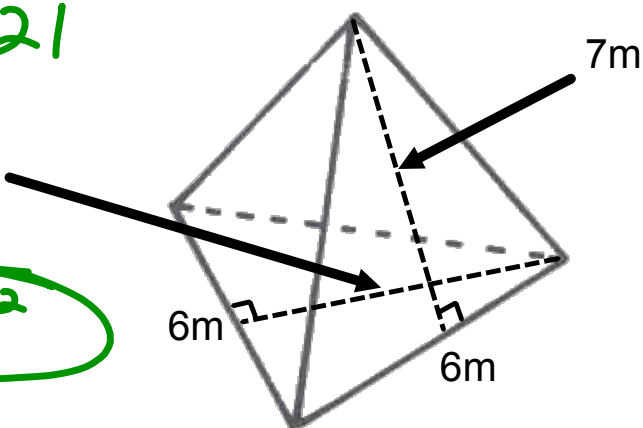
$$\frac{1}{2} \cdot 6 \cdot 7 = 21$$

$$21$$

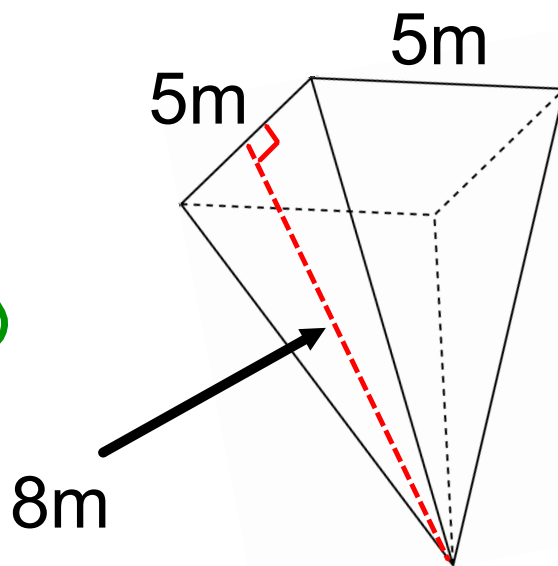
$$21 \cdot 7m$$

$$21$$

$$84m^2$$

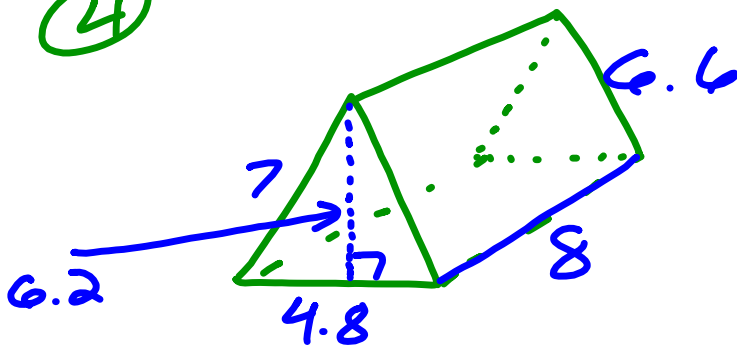


$$5 \cdot 5 = 25$$
$$\frac{1}{2} \cdot 5 \cdot 8 = 20$$
$$20$$
$$20$$
$$20$$
$$105 \text{m}^2$$



HW Solutions

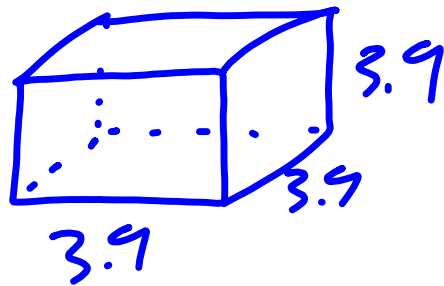
(4)



$$\begin{aligned}\frac{1}{2} 4.8 \cdot 6.2 &= 14.88 \\ &14.88 \\ 4.8 \cdot 8 &= 38.4 \\ 7 \cdot 8 &= 56 \\ 6.6 \cdot 8 &= 52.8\end{aligned}$$

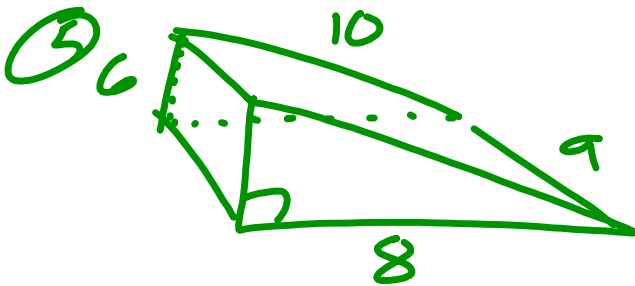
$$176.96 \text{ ft}^3$$

①



$$3.9 \cdot 3.9 = 15.21$$
$$\times 6$$

$$91.26 \text{ cm}^2$$



$$\frac{1}{2} \cdot 6 \cdot 8 = 24$$

$$24$$

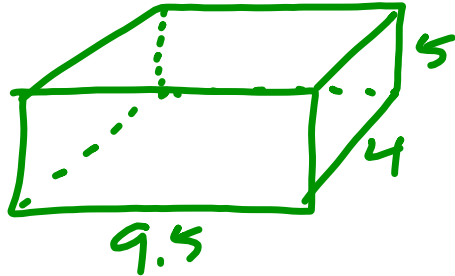
$$6 \cdot 9 = 54$$

$$8 \cdot 9 = 72$$

$$10 \cdot 9 = 90$$

$$264 \text{ mm}^2$$

②



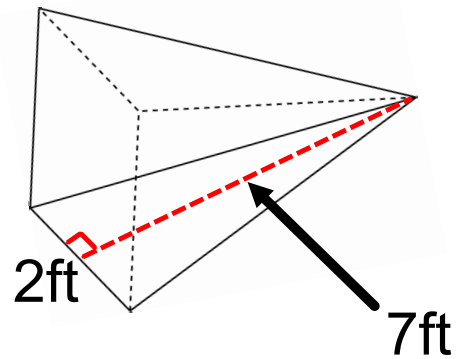
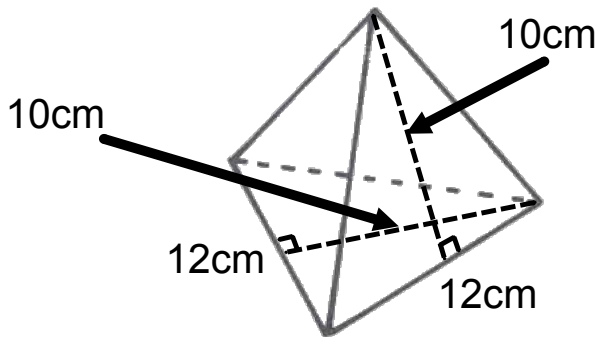
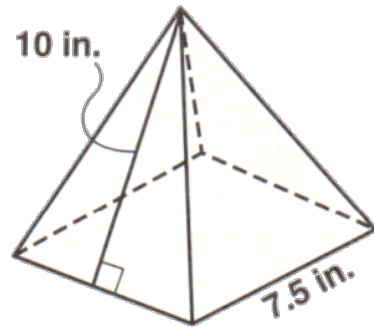
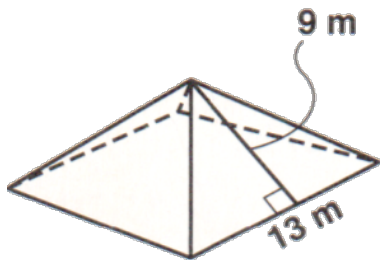
$$9.5 \cdot 4 = \frac{38}{\underline{38}}$$

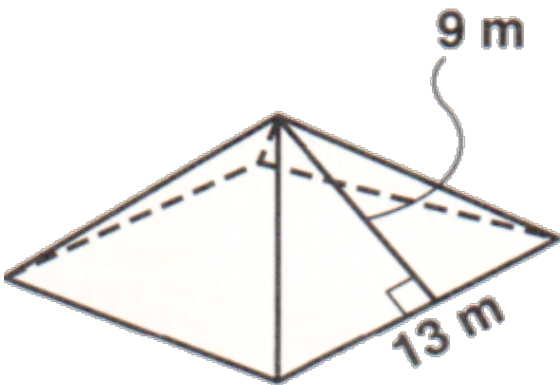
$$5 \cdot 4 = \frac{20}{\underline{20}}$$

$$9.5 \cdot 5 = \frac{47.5}{\underline{47.5}}$$

$$\underline{\underline{211 \text{ in}^2}}$$

Find the surface area.





$$13 \cdot 13 = 169$$

$$\frac{1}{2} \cdot 13 \cdot 9 = 58.5$$

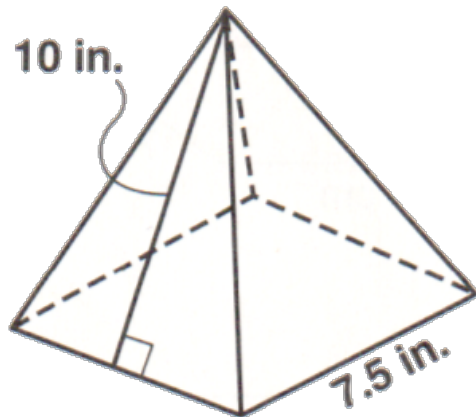
$$58.5$$

$$58.5$$

$$58.5$$

$$58.5$$

$$403 \text{ m}^2$$

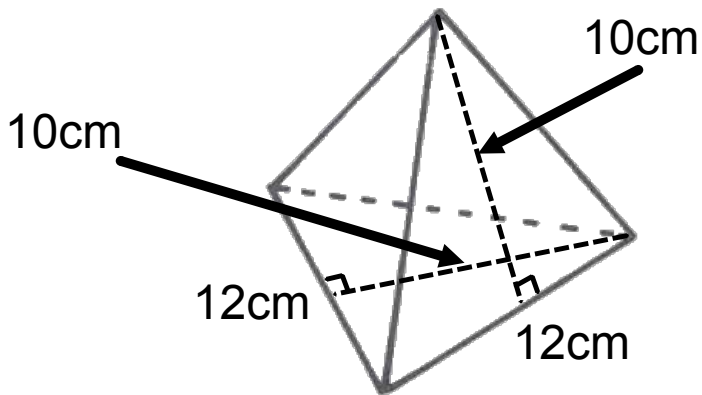


$$7.5 \cdot 7.5 = 56.25$$

$$\frac{1}{2} \cdot 7.5 \cdot 10 = 37.5$$

x 4

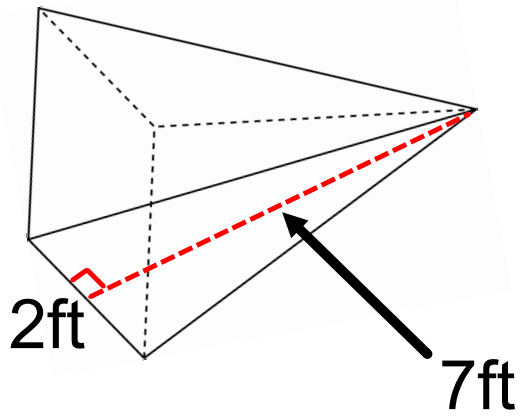
$$206.25 \text{ in}^2$$



$$\frac{1}{2} \cdot 12 \cdot 10 = 60$$

× 4

240 cm³



March 17, 2022

