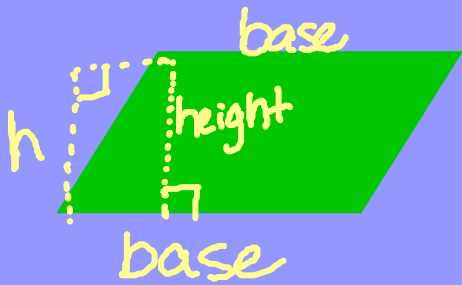


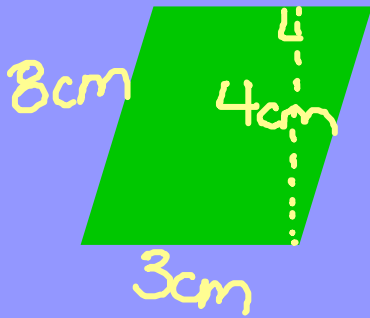
Area of parallelograms + triangles



parallelogram
 $A = bh$

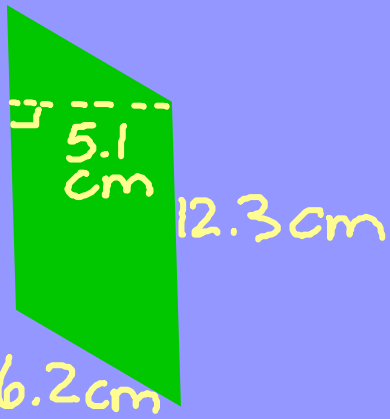
* height MUST
form rgt. angle
with base
* NOT SLANTED!

1.)



$$A = bh$$
$$A = 3(4)$$
$$A = 12 \text{ cm}^2$$

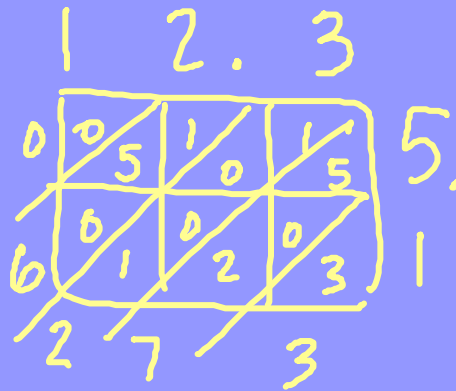
2)



$$A = bh$$

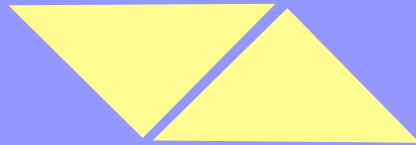
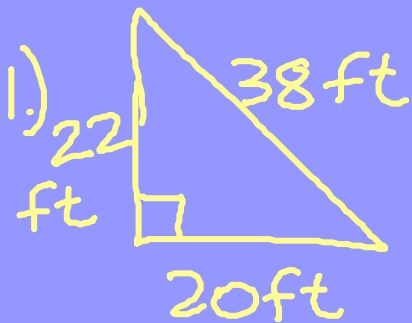
$$A = 12.3(5.1)$$

$$A = 62.73 \text{ cm}^2$$



Triangles

$$A = \frac{bh}{2}$$



cut parallelogram
into 2 triangles

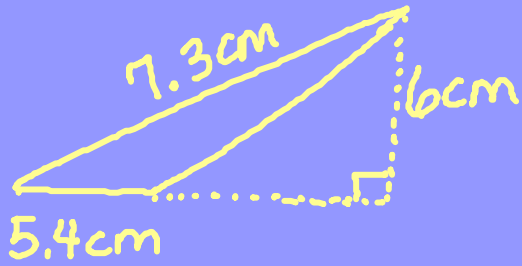
$$A = \frac{bh}{2}$$

$$A = \frac{20(\overset{11}{\cancel{22}})}{2}$$

$$A = 220 \text{ ft}^2$$

$$\begin{array}{r} 11 \\ \times 20 \\ \hline 220 \end{array} \quad \begin{array}{r} 11 \\ \times 20 \\ \hline 220 \end{array}$$

2)



$$A = \frac{bh}{2}$$

$$A = \frac{5.4(6)}{2}$$

$$\begin{array}{r} 5.4 \\ \times 3 \\ \hline 16.2 \end{array}$$

$$A = 16.2 \text{ cm}^2$$



