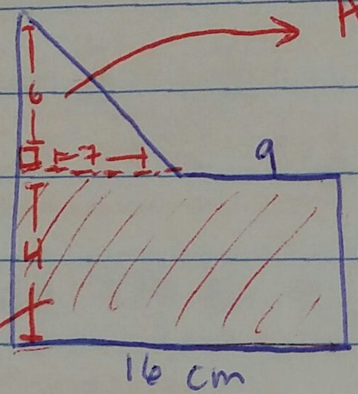
9.5

4/1/15 I can find area of composite figures.

Made up of different/same geometric shapes.

Ex: Find area.

(1)



$A = \frac{b \cdot h}{2}$

$A = \frac{7 \cdot 6}{2}$

$A = \frac{42}{2}$

$A = 21 \text{ cm}^2$

$A = l \cdot w$

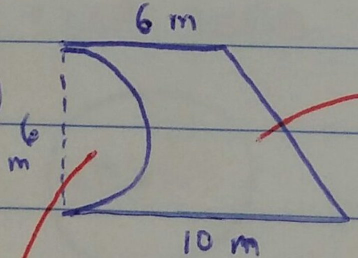
$A = 16 \cdot 4$

$A = 64 \text{ cm}^2$

$$\begin{array}{r} 21 \\ +\,64 \\ \hline \end{array}$$

$$\boxed{A = 85 \text{ cm}^2}$$

(2)



$A = \frac{(b_1 + b_2)h}{2}$

$A = \frac{(6+10)6}{2}$

$A = \frac{16(6)}{2}$

$A = 48$

($\frac{1}{2}$ circle) $A = \frac{\pi r^2}{2}$

$A = \frac{(3.14)(3)(3)}{2}$

$A = 14.13$

$$\begin{array}{r} 48.00 \\ -\,14.13 \\ \end{array}$$

$$\boxed{A = 33.87 \text{ m}^2}$$