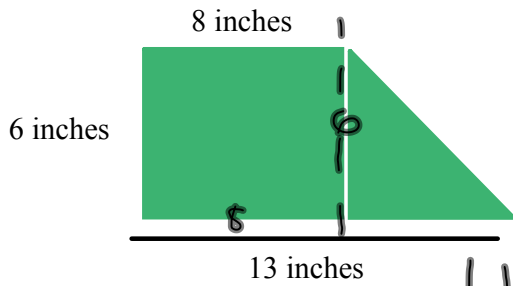


Area of Composite Figures

\*\*\*composite means "put together"



$$A = bh$$

$$A = 8 \cdot 6$$

$$A = 48$$

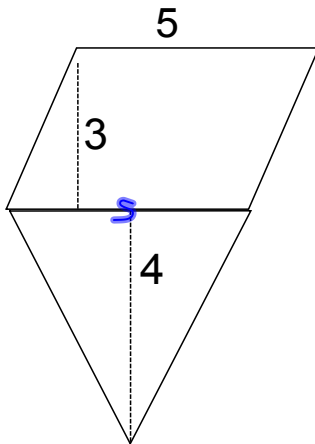
$$A = \frac{1}{2}bh$$

$$A = \frac{5 \cdot 6}{2}$$

$$A = \frac{30}{2} = 15$$

$$\begin{array}{r} 1 \\ 48 \\ + 15 \\ \hline 63 \text{ in}^2 \end{array}$$

Jan 23-11:17 PM



$$A = bh$$

$$A = 5 \cdot 3$$

$$A = 15$$

$$A = \frac{1}{2}bh$$

$$A = \frac{5 \cdot 4}{2}$$

$$A = \frac{20}{2}$$

$$A = 10$$

$$\begin{array}{r} 15 \\ 10 \\ \hline 25 \text{ units}^2 \end{array}$$

Jan 24-7:36 AM

$A = bh$   
 $A = 3 \cdot 5$   
 $A = 15$

$A = bh$   
 $A = 3 \cdot 3$   
 $A = 9$

$A = bh$   
 $A = 2 \cdot 5$   
 $A = 10$

$15$   
 $10$   
 $9$   


---

 $34$   
 units<sup>2</sup>

Jan 24-9:03 AM

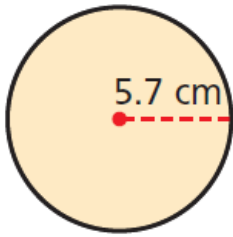
## Area of a circle

$A = \pi r^2$

$A = \pi \cdot r \cdot r$

Jan 22-6:00 PM

Use 3.14 for  $\pi$



$$A = \pi r^2$$

$$A = (3.14)(5.7^2)$$

$$A = (3.14)(32.49)$$

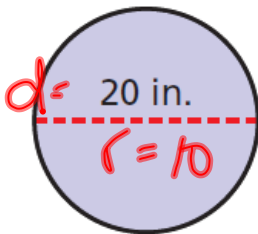
$$A = 102.02 \text{ cm}^2$$

$$\begin{array}{r} 5.7 \\ \times 5.7 \\ \hline 399 \\ + 2850 \\ \hline 3249 \end{array}$$

$$\begin{array}{r} 32.49 \\ \times 3.14 \\ \hline 12996 \\ + 32490 \\ \hline 1020186 \end{array}$$

Jan 22-6:08 PM

Use 3.14 for  $\pi$ .



$$A = \pi r^2$$

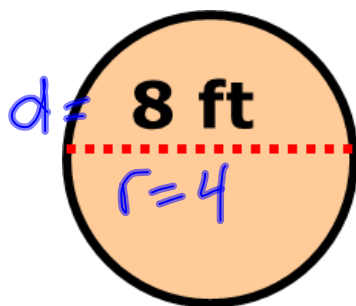
$$A = (3.14)(10^2)$$

$$A = (3.14)(100)$$

$$A = 314 \text{ in}^2$$

Jan 22-6:08 PM

Find the area of the circle. Use  $\frac{22}{7}$  for  $\pi$ .



$$A = \pi r^2$$

$$A = \frac{22}{7} \cdot 4^2$$

$$A = \frac{22}{7} \cdot 16$$

$$A = \frac{352}{7}$$

$$A = 50\frac{2}{7}$$

$$\begin{array}{r} \times 16 \\ 22 \\ \hline 32 \\ + 320 \\ \hline 352 \\ \hline 50\frac{2}{7} \\ 7 \overline{) 352} \\ \underline{- 35} \\ 02 \end{array}$$

Jan 22-6:03 PM