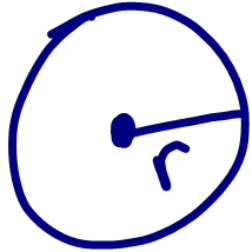
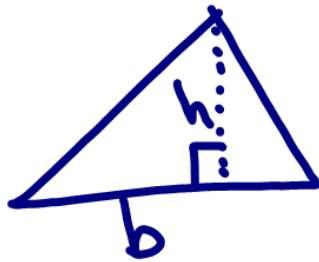


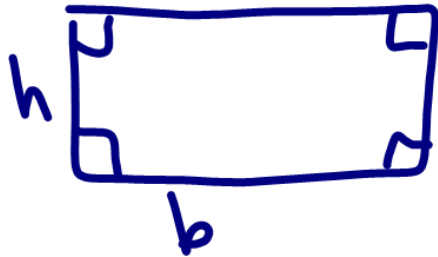
# Area of:



$$A = \pi r^2$$



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



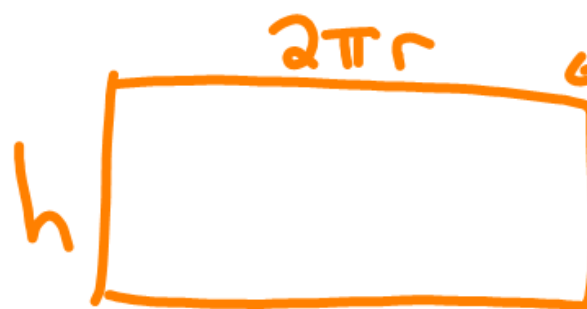
$$A = bh$$



Top & Bottom

$$\pi r^2 + \pi r^2$$

Side



Circumference

$$A = 2\pi r \cdot h$$

circumf. · h

② ⊖

$$A = \pi r^2$$

$$= 12.56$$

$$= \underline{12.56}$$



use circumference

$$C = 2\pi r$$

$$2\pi(2)$$

$$= 12.56$$

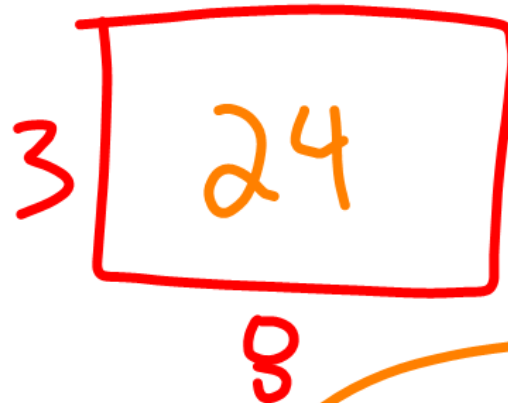
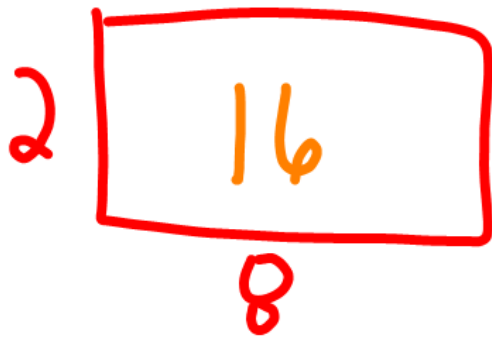
$$25.12 + 125.6 = \textcircled{150.12 \text{ in}^2}$$

# 6 Sides

Front & back

Top & bottom

2 ends



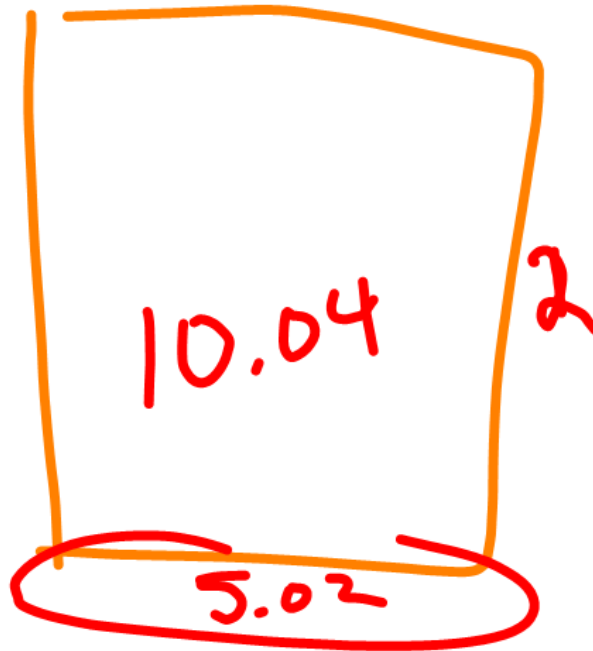
$$46 * 2 = 92f + 2$$



$$A = \pi \cdot .8^2$$

$$= 2.01$$

$$\frac{2.01}{4.02}$$



$$\begin{aligned} C &= 2\pi r \\ &= 2\pi(.8) \\ &= 5.02 \end{aligned}$$

$$\frac{10.04}{4.02}$$

$$\textcircled{14.06 \text{ in}^2}$$