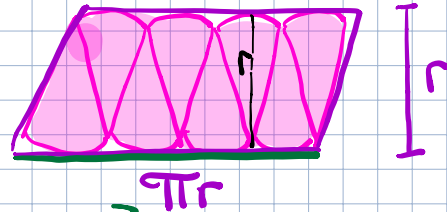
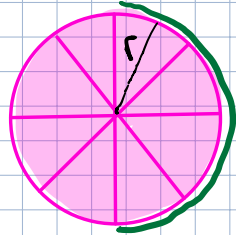


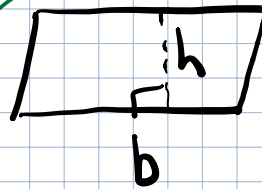
2/14/20



Be able to calculate the area of circles.



$$C = 2\pi r$$
$$\frac{1}{2}C = \pi r$$



$$A = bh$$

$$r \cdot r = r^2$$

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

Most confused formulas

$$A = \pi r^2$$

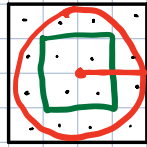
$$C = 2\pi r$$

$$r^2 \neq 2r$$

$$10^2 \neq 2(10)$$

$$100 \neq 20$$

$$A = r^2 \pi$$



$$r = 2 \text{ units}$$

Big Square

$$A = 16 \text{ units}^2$$

Circle

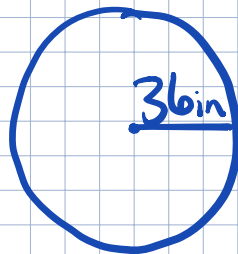
$$A = \pi r^2$$

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

$$A = 12.56 \text{ units}^2$$

Small Square

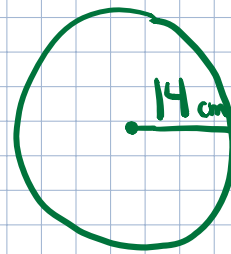
$$A = 4 \text{ units}^2$$



$$A = \pi r^2$$

$$A = 3.14(36)^2$$

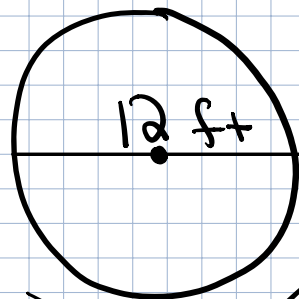
$$A = 4069.44 \text{ in}^2$$



$$A = \pi r^2$$

$$A = 3.14(14)^2$$

$$A = 615.44 \text{ cm}^2$$



$$r = 6 \text{ ft}$$

$$A = \pi r^2$$

$$A = 3.14(6)^2$$

$$A = 113.04 \text{ ft}^2$$

