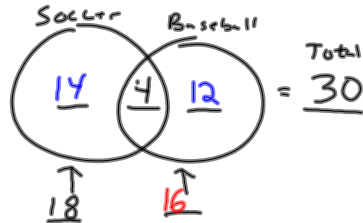


10-8-13  
1<sup>st</sup> Geo

Chapter 2 PT 2

- (25) There are 30 kids  
4 play soccer and baseball  
If soccer has 18, how many  
do baseball? 16

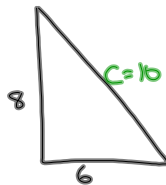


(26)  $A = 380.13 \text{ cm}^2$

$$A = \pi r^2$$
$$\downarrow$$
$$\frac{380.13}{\pi} = \frac{\pi \cdot r^2}{\pi}$$
$$r^2 = 121$$
$$r = 11$$



(28)

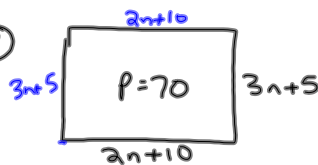


$$\text{Area} = \frac{1}{2} b h$$
$$\frac{1}{2} \cdot 6 \cdot 8$$
$$24 \text{ cm}^2$$

$$a^2 + b^2 = c^2$$
$$8^2 + 6^2 = c^2$$
$$64 + 36 = c^2$$
$$100 = c^2$$
$$c = 10$$

$$P = 8 + 6 + 10$$
$$= 24 \text{ cm}$$

(31)



$$2n+10 + 3n+5 + 2n+10 + 3n+5 = 70$$

$$10n + 30 = 70$$
$$\underline{-30 \quad -30}$$

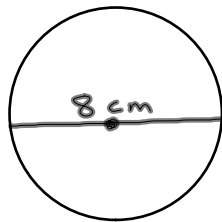
$$\frac{10n}{10} = \frac{40}{10}$$

$$n = 4$$

## Polygon

- ① Hexagon — 6
- ② 4 sides — Quadrilateral
- ③ 8 sides — Octagon
- ④ nonagon — 9
- ⑤ Pentagon — 5

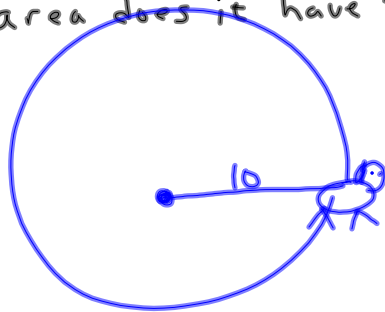
⑥



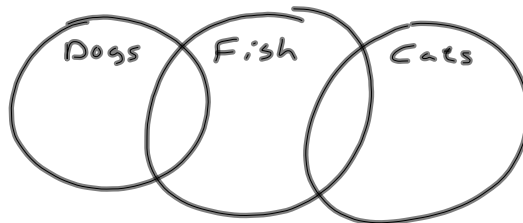
$$\begin{aligned} \text{Area} &= \pi r^2 \\ &= \pi \cdot 4^2 \\ &= \pi \cdot 16 \\ &\approx 50.3 \text{ cm}^2 \end{aligned}$$

$$\begin{aligned} \text{Circumference} &= \pi d \\ &= \pi 8 \\ &\approx 25.1 \text{ cm} \end{aligned}$$

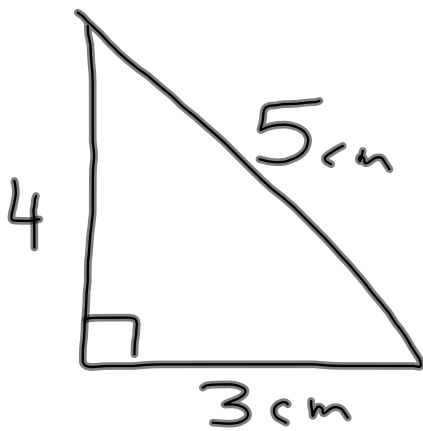
- ⑦ My dog is tied to a 10 ft. chain. How much area does it have to play in?



$$\begin{aligned} A &= \pi r^2 \\ &= \pi \cdot 10^2 \\ &= 100\pi \\ &\approx 314.2 \text{ ft}^2 \end{aligned}$$



Oral: What can you tell me is true?



$$\text{Perimeter} = 3 + 4 + 5$$
$$12 \text{ cm}$$

$$\text{Area} = \frac{1}{2}bh$$
$$\frac{1}{2} \cdot 3 \cdot 4$$
$$6 \text{ cm}^2$$