

Shape

Perimeter - length of all sides
- pipe cleaner

Area - squares inside

Rectangle



$P_{\square} = \text{sum of all sides}$



$$P_{\square} = 2 + 2 + 10 + 10 \\ = 2(2) + 2(10) \\ = \underline{24 \text{ cm}}$$

$A_{\square} = L \times w \text{ or } b \times h$



$$A_{\square} = b \times h \\ = 10 \times 2 \\ = \underline{20 \text{ cm}^2}$$

Triangle

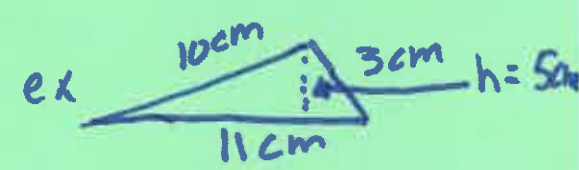


$P_{\Delta} = \text{sum of all sides}$



$$P_{\Delta} = 11 + 10 + 3 \\ = \underline{24 \text{ cm}}$$

$A_{\Delta} = b \times h \div 2 \quad \frac{b \times h}{2}$



$$A_{\Delta} = 11 \times 5 \div 2 \\ = 55 \div 2 \\ = \underline{27.5 \text{ cm}^2}$$

CIRCLE



diameter

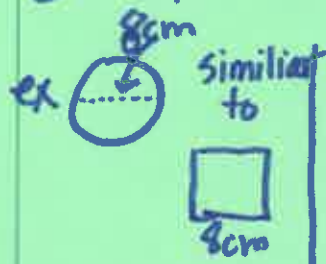


radius

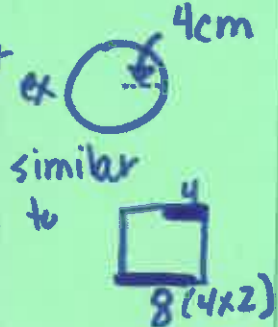
CIRCUMFERENCE

$$C = 3.14 \times d \quad C = \pi r$$

$$C = 3.14 \times 2r \quad C = 2\pi r$$



$$C = \cancel{\pi} \times 8 \\ C = 3.14 \times 8 \\ = 25.12 \text{ cm}$$

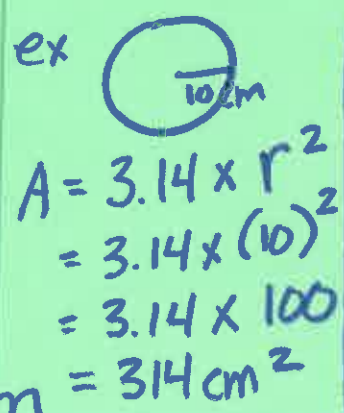


$$C = \cancel{\pi} \times 4 \\ = 3.14 \times 4 \\ = 12.56 \text{ cm}$$

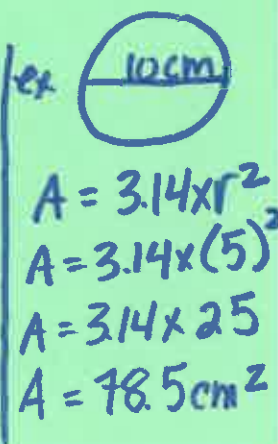
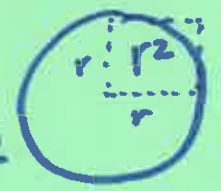
$$A = \pi r^2$$

$$A = 3.14 \times r^2$$

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



$$A = 3.14 \times r^2 \\ = 3.14 \times (10)^2 \\ = 3.14 \times 100 \\ = 314 \text{ cm}^2$$



$$A = 3.14 \times r^2 \\ A = 3.14 \times (5)^2 \\ A = 3.14 \times 25 \\ A = 78.5 \text{ cm}^2$$