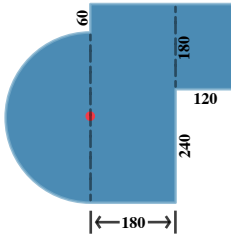


Name: _____

Answer the following. Show your solutions.

Find the perimeter of this figure in yards.



$$C_s = \pi r + 2r - d$$

$$= [3.14(180) + 2(180)] - 360$$

$$= 565.2$$

$$P_t = \text{SUM OF ALL SIDES}$$

$$= 565.2 + 60 + 300 + 180$$

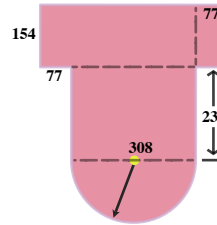
$$+ 120 + 240 + 180$$

$$= 1645.2$$

1645.2 yd

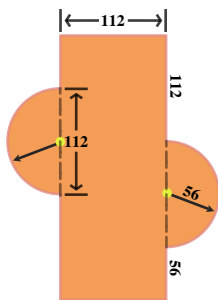
Perimeter

Find the area of the figure below. Corners that look square are square. Dimensions are in meters.



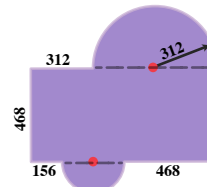
Area

Express the perimeter of this figure in feet.



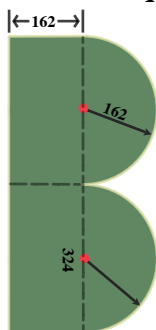
Perimeter

Solve for the area of the figure below. Corners that look square are square. Dimensions are in inches.



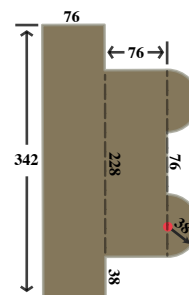
Area

Solve for the area of the figure below. Dimensions are in centimeters. Corners that look square are square.

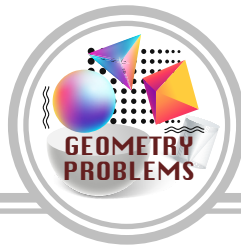


Area

Find the perimeter of this figure. Dimensions are in millimeters.

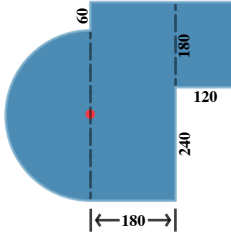


Perimeter



Answer the following. Show your solutions.

Find the perimeter of this figure in yards.



$$C_{\sim} = \pi r + 2r - d$$

$$= [3.14(180) + 2(180)] - 360$$

$$= 565.2$$

$$P_T = \text{SUM OF ALL SIDES}$$

$$= 565.2 + 60 + 300 + 180$$

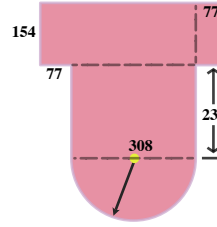
$$+ 120 + 240 + 180$$

$$= 1645.2$$

1645.2 yd

Perimeter

Find the area of the figure below. Corners that look square are square. Dimensions are in meters.



$$A_1 = l \times w$$

$$= 462 \times 154$$

$$= 71148$$

$$A_2 = l \times w$$

$$= 308 \times 231$$

$$= 71148$$

$$A_3 = \frac{1}{2} \pi r^2$$

$$= \frac{1}{2} (3.14)(154)^2$$

$$= 37234.12$$

$$A_T = A_1 + A_2 + A_3$$

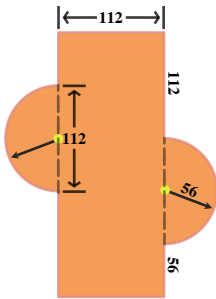
$$= 71148 + 71148 + 37234.12$$

$$= 179530.12$$

179530.12 m²

Area

Express the perimeter of this figure in feet.



$$C_{\sim} = [\pi r + 2r - d] 2$$

$$= \{[3.14(56) + 2(56)] - 112\} 2$$

$$= 175.84$$

$$P_T = \text{SUM OF ALL SIDES}$$

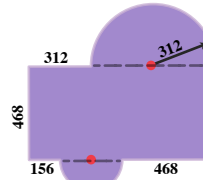
$$= 175.84 + 56 + 112 + 56 + 112 + 112 + 112$$

$$= 735.84$$

735.84 ft

Perimeter

Solve for the area of the figure below. Corners that look square are square. Dimensions are in inches.



$$A_1 = \frac{1}{2} \pi r^2$$

$$= \frac{1}{2} (3.14)(312)^2$$

$$= 152830.08$$

$$A_2 = l \times w$$

$$= 936 \times 468$$

$$= 438048$$

$$A_3 = \frac{1}{2} \pi r^2$$

$$= \frac{1}{2} (3.14)(156)^2$$

$$= 38207.52$$

$$A_T = A_1 + A_2 + A_3$$

$$= 152830.08 + 438048$$

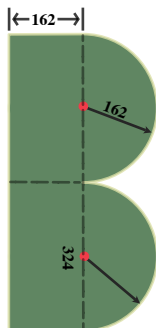
$$+ 38207.52$$

$$= 629085.6$$

629085.6 in²

Area

Solve for the area of the figure below. Dimensions are in centimeters. Corners that look square are square.



$$A_1 = \frac{1}{2} \pi r^2$$

$$= \frac{1}{2} (3.14)(162)^2$$

$$= 41203.08$$

$$A_2 = \frac{1}{2} \pi r^2$$

$$= \frac{1}{2} (3.14)(162)^2$$

$$= 41203.08$$

$$A_3 = l \times w$$

$$= 648 \times 162$$

$$= 104976$$

$$A_T = A_1 + A_2 + A_3$$

$$= 41203.08 + 41203.08$$

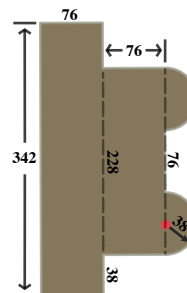
$$+ 104976$$

$$= 187382.16$$

187382.16 cm²

Area

Find the perimeter of this figure. Dimensions are in millimeters.



$$C_{\sim} = [\pi r + 2r - d] 2$$

$$= \{[3.14(38) + 2(38)] - 76\} 2$$

$$= 238.64$$

$$P_T = \text{SUM OF ALL SIDES}$$

$$= 238.64 + 76 + 76 + 76$$

$$+ 38 + 76 + 76 + 342$$

$$= 1074.64$$

1074.64 mm

Perimeter