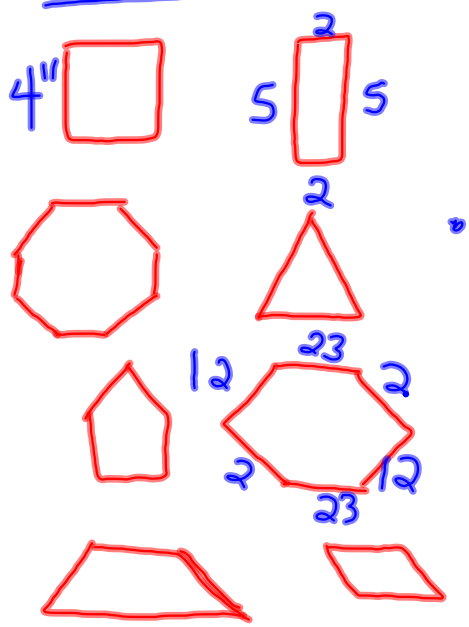
1/26/12 2.2 Perimeter and Area

Perimeter: the distance around a flat, closed sided figure.

- measured in linear units such as ft, in., or meters.

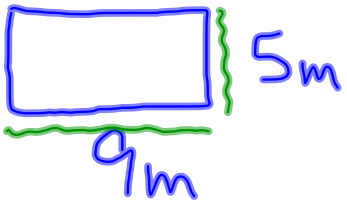


$23 \times 2 + 12 \times 2 + 2 \times 2 =$

P = add up all sides

$P = 2w + 2l$

P. 61

① 

$5 \times 2 + 9 \times 2 = 28$

$9 + 9 + 5 + 5 = 28\text{m}$

② 

$20 \times 2 + 12 \times 2 = 64$

$20 + 20 + 12 + 12 = 64\text{in}$

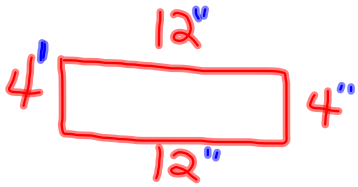
Area: the amount of surface the figure covers

- measured in square units such as square feet or square meters

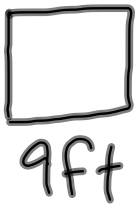
$A = w \times l = l \times w$

$A = 8'' \times 8'' = 64 in^2$

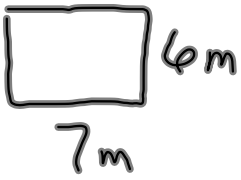
$A = 3 \times 7$ → $21 ft^2$ 64 sq. in.



$A = 4 \times 12 = 48 in^2$

③ 

$A = 81 ft^2$ p. 62

④ 

P= 26m

7+6+7+6=

7x2+6x2=

$A = l \times w$

$8 \div 4$

$4\overline{)8}$

$\frac{8}{4}$

$8_{in}^{2} = 4 \times w$

$8 = 4 \times 2$

$w = 2$

$16 \div 4$

$4\overline{)16}$

$\frac{16}{4}$

$16 \div 4$

$4\overline{)16}$

$\frac{16}{4}$

$16_{in}^{2} = 4 \times l$

$16 = 4 \times 4$

$l = 4$

(5) $A = 91 in^2$

$91 = 7 \times l$

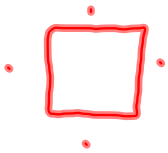
$l = 13$

$$\begin{array}{r} 13 \\ 7 \overline{)91} \\ -7 \\ \hline 21 \end{array}$$

$\boxed{91 in^2}$ 7

⑥ $P = 132\ cm$

$4\overline{)132}$ $33cm$



In Class:

p. 63-64

#s 2-24

HW: WS 2.2

#s 1-20