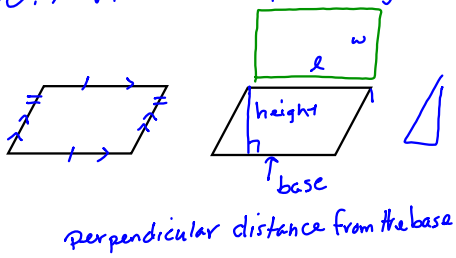


10.1 Area of a Parallelogram



$A = b \cdot h$   
 $A = 11 \cdot 3$   
 $A = 33 \text{ cm}^2$

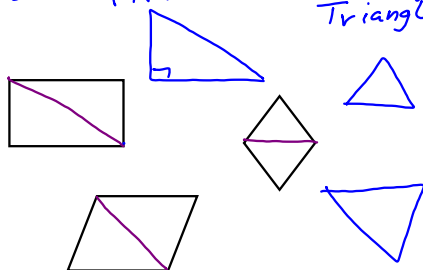
$A = b \cdot h$   
 $12 \cdot 5$   
 $60 \text{ ft}^2$

$A = b \cdot h$   
 $\frac{A}{b} = h$   
 $\frac{48}{12} = h$   
 $4 \text{ m} = h$

$A = b \cdot h$   
 $\frac{A}{h} = b$

Estimate  
 $7200 \text{ mi}^2$

10.2 Area of a ~~Parallelogram~~ Triangle



$A = \frac{1}{2} b \cdot h$  or  $A = \frac{b \cdot h}{2}$   
 height - perpendicular distance from the base

$A = \frac{1}{2} \cdot 3 \cdot 2$   
 $A = \frac{1}{2} \cdot 2 \cdot 3$   
 $A = 1 \cdot 3$   
 $A = 3 \text{ cm}^2$

$A = \frac{1}{2} \cdot 7 \cdot 5$   
 $A = \frac{1}{2} \cdot 35 = \frac{7}{2} \cdot 5$   
 $A = \frac{35}{2} = 17\frac{1}{2} \text{ or } 17.5 \text{ m}^2$

$A = \frac{1}{2} \cdot 6 \cdot 5$   
 $A = 3 \cdot 5$   
 $A = 15 \text{ u}^2$

$A = \frac{1}{2} b \cdot h$   
 $A = \frac{1}{2} \cdot 8 \cdot 6$   
 $A = 4 \cdot 6$   
 $A = 24$

$A = \frac{1}{2} b \cdot h$   
 $24 = \frac{1}{2} \cdot 12 \cdot h$   
 $24 = \frac{6 \cdot h}{1}$   
 $4 = h$

Regions  
 Sum of all Areas

$150 \text{ ft}^2$   
 $600 \text{ ft}^2$

$20 \text{ ft}$   
 $30 \text{ ft}$

$\frac{\text{Area of parallelogram} + \text{Area of the triangle}}{\text{Area of the Region}}$   
 $750 \text{ ft}^2$

P 516 2-16 even  
 Q 520-521 2-24 even