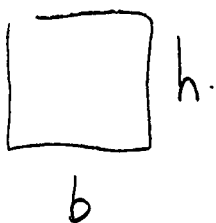


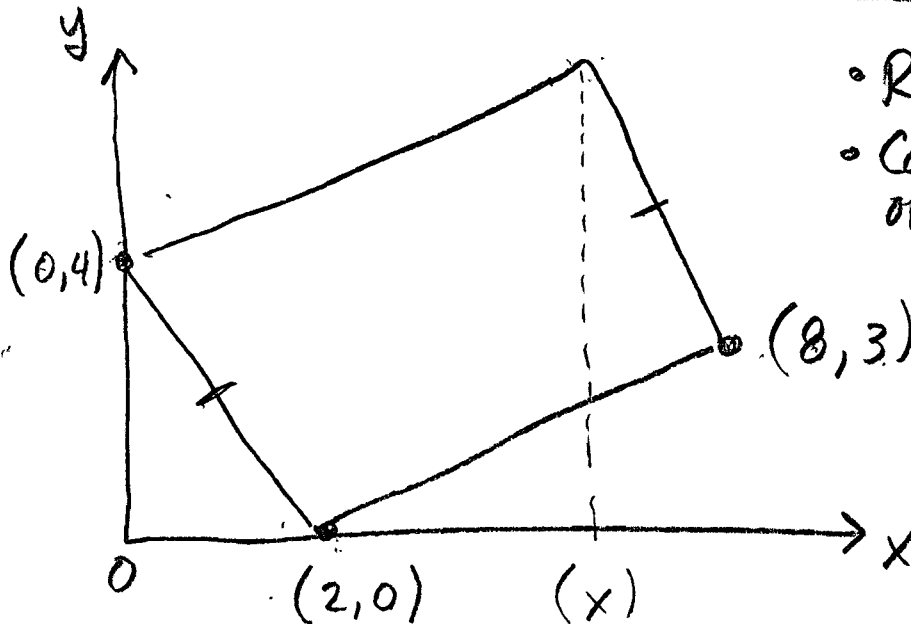
# MTH112 CLASS NOTES 8-31-12

Ex P of A square = 36 in.  
Find Area, sq in. ?



$$A = x^2$$

Ex



- Rectangle
- Coordinates of unlabeled vertex

Ex) 20% of 20 is equal to  
50% of what number?

(13)  $\sqrt{64} \quad \sqrt{11} \quad \frac{-4}{\sqrt{3}} \quad -\sqrt{-64}$   
 $-\sqrt{64}$  which is imaginary

(14)  $25x^4 - 16y^8$   
 $\downarrow$   
 $(5x^2 - 4y^4)(5x^2 + 4y^4)$

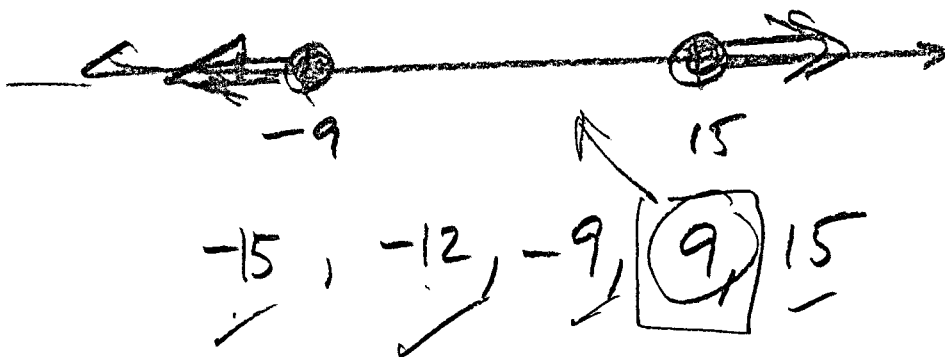
DOS  $(a^2 - b^2) = (a - b)(a + b)$

(20)  $(1, 2), (7, -10)$  Midpoint = ?

$M(4, -4)$

$$\textcircled{\text{ex}} \quad |x-3| \geq 12$$

$$\begin{array}{l|l} \swarrow & \searrow \\ + (x-3) \geq 12 & -(x-3) \geq 12 \\ x \geq 15 & x-3 \leq -12 \\ & x \leq -9 \end{array}$$



$$|x| \geq 12$$

$$\begin{array}{l|l} \swarrow & \searrow \\ + (x) \geq 12 & -(x) \geq 12 \\ x \geq 12 & x \leq -12 \end{array}$$

