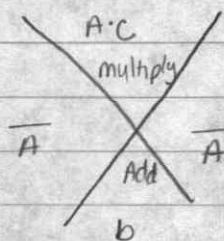


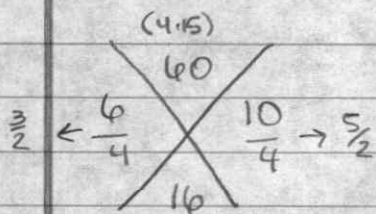
Key  
5/4/20

# Factoring - Power of X

$$ax^2 + bx + c = 0$$



1)  $4x^2 + 16x + 15$      $a=4$     $b=16$     $c=15$



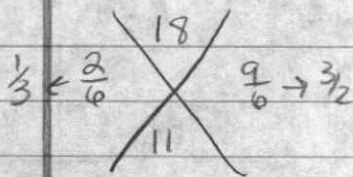
$(2x+3)(2x+5)$

- $60$
- $1 \cdot 60$
- $2 \cdot 30$
- $3 \cdot 20$
- $4 \cdot 18$
- $5 \cdot 12$

$6 \cdot 10$

To Check  
 $(2x+3)(2x+5)$   
 $4x^2 + 10x$   
 $+ 6x + 15$   
 $\hline 4x^2 + 16x + 15 \quad \checkmark$

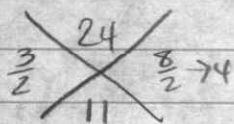
2)  $6x^2 + 11x + 3$



$(3x+1)(2x+3)$

- $18$
- $1 \cdot 18$
- $2 \cdot 9$
- $3 \cdot 6$

3)  $2x^2 + 11x + 12$



$(2x+3)(x+4)$

- $24$
- $1 \cdot 24$
- $2 \cdot 12$
- $3 \cdot 8$