

Name: _____ Block: _____

1. Expand
 $(2x + 5)^2$

2. Factor
 $4ax + 12ay - 2az$

3. Factor

$$x^2 - 7x + 10$$

Name: _____ Block: _____

1. Expand
 $(2x + 5)^2$

$$= (2x+5)(2x+5)$$

$$= 4x^2 + 10x + 10x + 25$$

$$= 4x^2 + 20x + 25$$

2. Factor
 $4ax + 12ay - 2az$

$$2a(2x + 6y - z)$$

3. Factor

$$x^2 - 7x + 10$$

\uparrow \uparrow
 add multiply

#s are: -5, -2

$$= (x - 5)(x - 2)$$