Algebra 2 NAME: _____

DO NOW

Factor each of the problems below:

1. $y = x^2 + 10x + 24$

2. $y = x^2 - 6x + 8$

3. $y = x^2 - 4x - 21$

CHECK POINT #1

Factor the quadratic

$y = 2x^2 + 11x + 12$

$y = 2x^2 - 7x + 6$

Factors ac:

Sum:

CHECK POINT #2

Factor the quadratic (all addition)

$y = 2x^2 + 9x + 10$

Factors ac:

y = (+)(+)

$y = 3x^2 + 14x + 8$

Factors ac:

y = (+)(+)

Algebra 2 NAME: _____

CHECK POINT #3

Factor the Quadratics (negatives)

$y = x^2 - 7x + 6$

$y = 3x^2 - 16x + 5$

EXIT TICKET

SELF ASSESS: _____

Factor the quadratics (all positive)

1. $Y = 2x^2 + 9x + 9$

$y = (\quad + \quad)(\quad + \quad)$

Factor the quadratic (all negative)

2. $y = 4x^2 - 7x + 3$

$y = (\quad - \quad)(\quad - \quad)$

3. $y = 2x^2 + 6x - 8$

$y = (\quad + \quad)(\quad - \quad)$

4. $Y = 3x^2 - 2x - 5$

$y = (\quad + \quad)(\quad - \quad)$