

Algebra 1 8.3
Multiply binomials using EWE
Multiply polynomials using EWE
distributive property
EWE
(FOIL = FAIL)
quadratic
standard form
X-factor

triangle puzzle (if time)
ICE WS

$$(6xy + 2y + 6x) + (-4xy - x)$$

$$\textcircled{6xy} + \textcircled{2y} + \textcircled{6x} - \textcircled{4xy} - \textcircled{x}$$

$$7x + 2y + 2xy$$

$$-6ax(10 + 3x)$$

$$-6ax \cdot 10 + -6ax \cdot 3x$$

$$-60ax + -18ax^2$$

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

$$x+2$$

$$x+5$$

$$5x+10$$

$$x^2+2x$$

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

$$x(x+3) = x^2 + 6x - 9$$

$$\cancel{x^2} + 3x = \cancel{x^2} + 6x - 9$$

$$-x^2 - 6x$$

$$\frac{-3x}{-3} = \frac{-9}{-3}$$

$$x = 3$$

b. $(2y^2 + 3y - 1)(3y^2 - 5y + 2)$

ICE ws

Triangle puzzle (if time)

Guided Practice

4A. $(3x - 5)(2x^2 + 7x - 8)$

4B. $(m^2 + 2m - 3)(4m^2 - 7m + 5)$