

## Adding Polynomials 13-3

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

$$\begin{array}{r} 1x^2 + 3x + 2 \\ + 1x^2 - 2x - 1 \\ \hline 2x^2 + x + 1 \end{array}$$

Rewrite  
the  
problems  
vertically



Ex. 2

$$(5r + p) + (7r + 7p)$$

$$5r + p$$

$$7r + 7p$$

$$12r + 8p$$

Ex. 3

$$(5y^2 - 6y) + (-5y + 4)$$

$$\begin{array}{r} 5y^2 - 6y + 0 \\ + 0y^2 - 5y + 4 \end{array}$$

$$\boxed{5y^2 - 11y + 4}$$

Ex. 4

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

$$\begin{array}{r} 4x + 2y \\ + -2x + 4y \\ \hline 2x + 3y \end{array}$$

$$x = -2, y = 5$$

$$2(-2) + 3(5)$$

$$-4 + 15$$

$$\textcircled{11}$$

HW:

pg. 572 (#10-27/31-34)

AND

Workbook Practice 13-3  
(#5-16)