2-7-19

Bell Work:

Find the sum or difference.

1. $7x^2 + 5x^2 = 12x^2$

2. $3x^2y - 2x^2y = 1x^2y$ or x^2y

3. $4y - 7y = -3y$

4. $3x^3 + 10x^3 = 13x^3$

Notes:

Classifying Polynomials By Number of Terms

Polynomial

Classifying a Polynomial by Degree

Polynomial

Polynomial

Adding Polynomials

1) $(5x^2+3)+(15x^2+2)$

$5x^2+15x^2+3+2$

$20x^2+5$

2) $(5x^2-3x+7)+(9x^2+2x+7)$

$5x^2+9x^2-3x+2x+7+7$

$14x^2-1x+14$

or $14x^2-x+14$

Subracting Polynomials

1) $(-9r^2+2r-1)-(-5r^2+r+8)$

$-9r^2-(-5r^2)+2r-r-1-8$

$-4r^2+r-9$

2) $(3z^2-4z+7)-(8z^2-6z-5)$

$3z^2-8z^2-4z-(-6z)+7-(-5)$

$-5z^2+2z+12$