

Algebra 2

Warm Up: PreRequisite Skill (4.2)

Name _____

Date _____ Block _____

In 1 – 4, find each sum or difference.

1. $(-3x^3 + 5x^2 - 8x + 1) + (3x^2 - 3x)$

3. $(9x^3 - 7x^2 + x) + (-6x^2 + 2x - 7)$

2. $(3x^2 - 7x + 4) - (-4x^2 - 12x + 8)$

4. $(-3x^3 - 2x^2 + 1) - (-5x^3 + 2x^2 - 4)$

In 5 – 8, find each product.

5. $xy(5x^2 + 8x - 7)$

7. $(2x + 1)^2$

6. $(x - 7)(3x^2 + 4x - 3)$

8. $(3x - 4)^3$