**Algebra 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Review: Unit 2 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_**

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| 1.) Write the polynomial  in standard form.  | 2.) Classify the polynomial 5x – 3 by degree and number of terms.D: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # of Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3.) Classify the polynomial  by degree and number of terms.D: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # of Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4.) Classify the polynomial  by degree and number of terms.D: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # of Terms: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Simplify completely.**

|  |  |
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| 5.)  | 6.)  |
| 7.)  | 8.) (x + 5)(x – 3) |
| 9.)  | 10.)  |

**Divide using synthetic division.**

|  |  |
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| 11.)  | 12.)  |

**Factor each of the expressions completely.**

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| 13.)  | 14.)  |
| 15.)  | 16.)  |

**Solve each of the equations by factoring.**

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| 17.)  | 18.)   |
| 19.)  | 20.)  |