**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.) |