HW: 8.2 Backwards Distribution Part 2 Algebra 1 Kitt

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period: \_\_\_\_\_\_\_\_\_

**Directions**: Complete the following.

1) 8m – 6 = 2(4m – \_\_\_\_\_\_) 2) 36a2+24b2 = 12(\_\_\_\_\_\_\_ + 2b2)

3) 12x2y – 15xy = \_\_\_\_\_\_\_(4x2 – 5) 4) 5a2b – 10a2b2 = \_\_\_\_\_\_\_(1 – 2b)

**Directions**: Factor each polynomial.

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| 5) 5a2 – 15  | 6) 7x + 49 |
| 7) 8ax – 56a | 8) 75b2c3 + 60bc6 |
| 9) 6p – 72  | 10) 5c3 – 2c2  |
| 11) 15cd + 30c2d2 | 12) 6r2s – 3rs2 + 9rs |