Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2.3 Homework: Perfect Trinomials**

**Multiply. Show each step. Circle the pair of like terms before simplifying.**

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| 1. Write a rule for finding the coefficient “b” for the x-term (middle term) when multiplying and simplifying | | |
| **In Problems 8-13, fill in the number that completes the square. Then write the trinomial as a product of two factors.** | | |
| A) \_\_\_  B) | 2. \_\_\_\_\_ | 2. \_\_\_\_\_ |
| 2. \_\_\_\_\_ | 2. \_\_\_\_\_ | 2. \_\_\_\_\_ |
| **In problems 14-22, find the value of “b” that will make a perfect square trinomial. Then write the trinomial as a product of two factors.** | | |
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