Homework: 1.2 Distributive Property and Combining Like Terms Algebra 1 Kitt

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

Directions: Simplify like terms.

1. x + 3 – 5x + 7 + 4y
2. – 4 (3a – 5b – 7)
3. 9ab + 3b2 – 7b2 + 8ab – 12
4. 9 (4x2 – 3)
5. 2x + 7x2 – 9x + 21x3 + 5x
6. 5 (2r + 6) – 12r
7. -7 (3m – 4) + 2
8. x (2y + 7) + y (9 + 5x)
9. 3rt + 6r + r (3t - 6)
10. 8(2z + 4) – 3(3z – 6)

11. Fill in the blank: A negative times a negative is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 $\left(-\right)×\left(-\right)=\\_\\_\\_\\_\\_\\_\\_\\_$

12. Fill in the blank: A positive times a negative is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 $\left(+\right)×\left(-\right)=\\_\\_\\_\\_\\_\\_\\_\\_$

Directions: Use the distributive property to simplify each expression.

