

Simplifying Different Types of Expressions

Name: _____

Date: _____

Simplify each expression.

1. $(x + 4)^2$

2. $(y + 2)(x + 6)$

3. $2y(y + 5)$

4. $(x - 8)(2y + 3)$

5. $(y + 1)^2$

6. $(x - 1)(y + 4)$

7. $(2x + 5)(2x + 1)$

8. $-3y(4y - 9)$

9. $(2x - 3)(x - 8)$

10. $-(2x - 9 + 3 + 5x) - (-6x - 12 + 2x)$

11. $3(4^2 - 15 \cdot 2) \div 2$