Combining Like Terms Worksheet

Name: _____

Date: _____

Grade: _____

What are Like Terms?

Like terms have the same variable(s) raised to the same power.

Examples:
- 3x and 7x are like terms.
- 4 and 9 are like terms (both are constants).
- 4x and 4x² are not like terms

How to Combine Like Terms?

Example: 6x + 3x = 9x

Simplifying Algebraic Expressions by Combining Like Terms

1)   4x + 2x = _____

2)   3y – y = _____

3)   6a + 5a + 2 = _____

4)   9m – 3m = _____

5)   2x + 4 + x = _____

6)   7b – 2b + b = _____

7)   5 + 3 + 2x = _____

8)   4y + 6 – 2y = _____

9)   8c – 3c + 2c = _____

10)   6 – 2 + d = _____