Lesson 9.4 Practice: Combining Like Terms

School Launch · Pre-Algebra · Unit 9: Variables and Expressions · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Simplify by combining like terms: $-9x + 11 + 5x + 2$. EASY

2. Simplify by combining like terms: $-9x - 8 - 2x + 10$. EASY

3. Simplify by combining like terms: $-9x + 7 - 7x + 5$. EASY

4. Simplify by combining like terms: $-8x + 7 - 4x + 5$. MEDIUM

5. Simplify by combining like terms: $-2x + 6 + 5x + 8$. MEDIUM

6. Simplify by combining like terms: $6x - 10 - 3x + 2$. MEDIUM

7. Simplify by combining like terms: $-4x - 7 + 8x + 3$. MEDIUM

8. Simplify by combining like terms: $6x^2 + 8x + 2 + 2x^2 + 3x$. HARD

9. Simplify by combining like terms: $-4x^2 + 9x - 9 + 5x^2 + 2x$. HARD

10. Simplify by combining like terms: $-3x^2 + 3x - 6 - 6x^2 + 3x$. HARD