Lesson 2.1 Practice: Systems of Two Linear Equations: A Review

School Launch · Algebra II · Unit 2: Linear Systems and Linear Programming · Worksheet A

Calculator for decimals

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. Solve by elimination: $x - y = 5$ and $6x + 4y = 50$. EASY

2. Solve by elimination: $x - y = -2$ and $x - 5y = -14$. EASY

3. Solve by elimination: $x - y = -10$ and $-4x + 2y = 26$. EASY

4. Solve by elimination: $-x - 6y = -15$ and $6x + 3y = 24$. MEDIUM

5. Solve by elimination: $-5x - 3y = 26$ and $-5x + 6y = 53$. MEDIUM

6. Solve by elimination: $-4x - 5y = -29$ and $-x + y = -5$. MEDIUM

7. Solve by elimination: $4x + 2y = 2$ and $5x - 4y = 35$. MEDIUM

8. Solve by elimination: $-6x - y = 30$ and $-3x - 2y = 6$. HARD

9. Solve by elimination: $-6x + 4y = 16$ and $4x - 5y = 1$. HARD

10. Solve by elimination: $4x - 6y = 6$ and $6x + 2y = -24$. HARD