

SPARK Hybrid Education Center

Mathematics | Week 3: Solving by Elimination | Upper Level

Name: _____ Date: _____

Directions: Solve each problem. Show your work in the space provided. Circle your final answer.

1. Solve: $x + y = 10$, $x - y = 4$

2. Solve: $2x + y = 8$, $x - y = 1$

3. Solve: $3x + 2y = 12$, $3x - y = 3$

4. Solve: $5x + 2y = 16$, $3x - 2y = 0$

5. Solve: $2x + 3y = 13$, $4x - 3y = 11$

6. Solve: $x + 2y = 7$, $3x + 2y = 9$

7. Solve: $4x - y = 6$, $4x + 3y = 14$

8. Solve: $2x + 5y = 20$, $2x - y = 8$

--- Answer Key (Cut before distributing) ---

1. (7, 3)
2. (3, 2)
3. (2, 3)
4. (2, 3)
5. (4, 5/3)
6. (1, 3)
7. (2, 2)
8. (5, 2)

