Solving Systems of Equations by Elimination Day 1 Practice

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_

Solve each system by elimination.

1. 5x + y = 9 2. 3x – 5y = 10

 3x – y = 7 -3x + 5y = -10

3. 2x + 4y = -8 4. x – 3y = 2

 2x + y = 1 6x + 3y = -2

5. 2x – 5y = 5 6. -4x – 2y = -12

 -2x + 5y = 5 4x + 8y = -24

7. x + y = 11 8. 2x + 3y = 8

 2x + y = 19 -2x -3y = -8

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Solving Systems of Equations by Elimination Day 1 Practice Answer Key

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_

Solve each system by elimination.

1. 5x + y = 9 2. 3x – 5y = 10

 3x – y = 7 -3x + 5y = -10

(2, -1) infinitely many

3. 2x + 4y = -8 4. x – 3y = 2

 2x + y = 1 6x + 3y = -2

(2, -3) (0, -$\frac{2}{3}$)

5. 2x – 5y = 5 6. -4x – 2y = -12

 -2x + 5y = 5 4x + 8y = -24

no solution (6,-6)

7. x – y = 11 8, 2x + 3y = 8

 2x + y = 19 -2x -3y = -8

(10,-1) infinitely many

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