

Name _____

Solving Systems of Equations Mixed Practice Worksheet 1

Solve each system of equations.

1. $4x + 5y = 23$
 $9x - 5y = -62$

2. $x + 4y = 25$
 $3x - 6y = -33$

3. $8y = 72$
 $8x + 2y = 10$

4. $y = 3x - 21$
 $y = -2x + 19$

5. $y = 5x - 1$
 $-3x + 4y = 13$

6. Is $(3, -7)$ a solution? $y = 2x - 13$
 $x - y = 10$

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Solving Systems of Equations Mixed Practice Worksheet 1 Answers

Solve each system of equations.

1. $4x + 5y = 23$
 $9x - 5y = -62$

$(-3, 7)$

2. $x + 4y = 25$
 $3x - 6y = -33$

$(1, 6)$

3. $8y = 72$
 $8x + 2y = 10$

$(-1, 9)$

4. $y = 3x - 21$
 $y = -2x + 19$

$(8, 3)$

5. $y = 5x - 1$
 $-3x + 4y = 13$

$(1, 4)$

6. Is $(3, -7)$ a solution? $y = 2x - 13$
 $x - y = 10$

Yes