

Student Name: _____

Score: _____

Systems of Equations – Elimination Method

Solve the following equations:

$$2x - y = 17$$

$$x - y = 10$$

$$-x - 7y = 9$$

$$-x + 9y = -23$$

$$3x + y = -14$$

$$-2x - y = 9$$

$$x + 3y = 18$$

$$-x - 4y = -25$$

$$x + 4y = -3$$

$$x + 7y = -12$$

$$3x + y = -21$$

$$x + y = -5$$

$$-x + 9y = -5$$

$$x - 5y = 1$$

$$-7x - y = 13$$

$$8x + y = -14$$

$$-2x + y = 10$$

$$4x - y = -14$$

$$x + 7y = 24$$

$$x - 9y = -24$$

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Answers

$x = 7$

$y = -3$

$x = 5$

$y = -2$

$x = -5$

$y = 1$

$x = -3$

$y = 7$

$x = 9$

$y = -3$

$x = -8$

$y = 3$

$x = -4$

$y = -1$

$x = -1$

$y = -6$

$x = -2$

$y = 6$

$x = 3$

$y = 3$