

Name : _____

Systems of Equations - Elimination Method

L1S3

Solve each system of equations using elimination method.

1) $u + v = 13$
 $u - v = 3$

2) $5m + 9n = -7$
 $5m - 3n = 1$

3) $-8x + 3y = -12$
 $-8x - y = 36$

PREVIEW

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5) $4c - 4d = 22$
 $-2c - 4d = 19$

7) $5s - 2t = 47$
 $s - 2t = 11$

8) $9p + 3q = 7$
 $-9p - 6q = -8$

Systems of Equations - Elimination Method

Solve each system of equations using elimination method.

$$\begin{aligned} 1) \quad u + v &= 13 \\ u - v &= 3 \end{aligned}$$

(8, 5)

$$\begin{aligned} 2) \quad 5m + 9n &= -7 \\ 5m - 3n &= 1 \end{aligned}$$

 $\left(-\frac{1}{5}, -\frac{2}{3}\right)$

$$\begin{aligned} 3) \quad -8x + 3y &= -12 \\ -8x - y &= 36 \end{aligned}$$

(-3, -12)**PREVIEW**

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$$\begin{aligned} 5) \quad 4c - 4d &= 22 \\ -2c - 4d &= 19 \end{aligned}$$

 $\left(\frac{1}{2}, -5\right)$

$$\begin{aligned} 7) \quad 5s - 2t &= 47 \\ s - 2t &= 11 \end{aligned}$$

(9, -1)

$$\begin{aligned} 8) \quad 9p + 3q &= 7 \\ -9p - 6q &= -8 \end{aligned}$$

 $\left(\frac{2}{3}, \frac{1}{3}\right)$