

Name : \_\_\_\_\_

## Systems of Equations - Elimination Method

L2S3

Solve each system of equations using elimination method.

1)  $4d = -9c - 42$

$8c + 4d = -40$

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2)  $2m - 7n = -11$

$-5m - 7n + 46 = 0$

---

3)  $13 = 4a - 5b$

$-6a - 5b = -22$

---

5)  $9u + 5t = 9$

$4t + 9u = 0$

---

7)  $p + q = 2$

$6p = 7 - q$

---

8)  $6x + 32 = 7y$

$40 = 5y + 6x$

---

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**Systems of Equations - Elimination Method**

Solve each system of equations using elimination method.

1)  $4d = -9c - 42$

$8c + 4d = -40$

 $(-2, -6)$ 

2)  $2m - 7n = -11$

$-5m - 7n + 46 = 0$

 $(5, 3)$ 

3)  $13 = 4a - 5b$

$-6a - 5b = -22$

 $(\frac{7}{2}, \frac{1}{5})$ 

5)  $9u + 5t = 9$

$4t + 9u = 0$

 $(9, -4)$ 

7)  $p + q = 2$

$6p = 7 - q$

 $(1, 1)$ 

8)  $6x + 32 = 7y$

$40 = 5y + 6x$

 $(\frac{5}{3}, 6)$ 

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