

Name : _____

Systems of Equations - Substitution Method

Sheet 2

Solve each system of equations using substitution method.

1) $4u + 5v = 28$
 $2v + 9u = 63$

2) $6p + 7q = -17$
 $5p + 8q + 38 = 0$

3) $12 = 3m + 4n$
 $4n - 2 = -m$

5) $8c = 5 - 3d$
 $3c = 8 - 2d$

7) $5x + y - 8 = 0$
 $-3y + 7x + 2 = 0$

8) $8s + 3t = 18$
 $s + t = 1$

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Systems of Equations - Substitution Method

Solve each system of equations using substitution method.

1) $4u + 5v = 28$

$2v + 9u = 63$

(7, 0)

2) $6p + 7q = -17$

$5p + 8q + 38 = 0$

(10, -11)

3) $12 = 3m + 4n$

$4n - 2 = -m$

(5, - $\frac{3}{4}$)

5) $8c = 5 - 3d$

$3c = 8 - 2d$

(-2, 7)

7) $5x + y - 8 = 0$

$-3y + 7x + 2 = 0$

(1, 3)

8) $8s + 3t = 18$

$s + t = 1$

(3, -2)**PREVIEW**Gain complete access to the largest
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