

Name : _____

Systems of Equations - Cross Multiplication Method

Sheet 3

Solve each system of equations using cross multiplication method.

1) $5a - 4b = 17$
 $-3b = 7 + 2a$

2) $-3u + 8v = -28$
 $-4v + 9u = 44$

3) $7s + 2t + 10 = 0$
 $-6s + 9t = 30$

5) $-w = 4 - 6v$
 $-20 = -8v + 5w$

7) $2y - 7 = -3z$
 $3z + 4y = 8$

8) $4m - 7n = 24$
 $-36 - 8n = -5m$

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