

Homework - Elimination Method

Solve by elimination.

9. $3x - 10y = -25$
 $4x + 40y = 20$

10. $7x + 15y = 32$
 $x - 3y = 20$

11. $x - 8y = 18$
 $-16x + 16y = -8$

12. $24x + 2y = 52$
 $6x - 3y = -36$

13. $88x - 5y = 39$
 $-8x + 3y = -1$

14. $2x + 4y = 8$
 $5x + y = -7$

Homework - Elimination Method

Solve by elimination.

4($3x - 10y = -25$)
 $4x + 40y = 20$

$(-5, 1)$

10. $7x + 15y = 32$
 $x - 3y = 20$

$(11, -3)$

2($x - 8y = 18$)
 $-16x + 16y = -8$

$(-2, -2.5)$
or $(-2, -\frac{5}{2})$

12. $24x + 2y = 52$
 $-4(6x - 3y = -36)$

$(1, 14)$

13. $88x - 5y = 39$
 $11(-8x + 3y = -1)$

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

14. $2x + 4y = 8$
 $-4(5x + y = -7)$

$(-2, 3)$