

Solving Systems of Equations by Elimination Practice Problems

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Solve each system by elimination.

1) $-3x + 5y = -17$
 $5x - 5y = 15$

2) $-x + 4y = 10$
 $x - 3y = -7$

3) $4x + 2y = -4$
 $4x - 2y = -4$

4) $5x + 3y = -18$
 $5x + y = -6$

5) $-4x - 3y = 2$
 $-4x + y = -6$

6) $4x - 5y = -2$
 $-2x - 5y = -14$

7) $3x - 4y = 4$
 $-x - 4y = 4$

8) $-2x - 4y = 4$
 $6x + 5y = -12$

9) $2x - 6y = 12$
 $-8x - 4y = 8$

10) $-3x - 2y = -3$
 $-9x + 3y = 18$

Answers to

1) $(-1, -4)$

5) $(1, -2)$

9) $(0, -2)$

2) $(2, 3)$

6) $(2, 2)$

10) $(-1, 3)$

3) $(-1, 0)$

7) $(0, -1)$

4) $(0, -6)$

8) $(-2, 0)$