

Name : _____

Score : _____ Date : _____

Solving Systems of Equations by Elimination

Solve the given systems using elimination.

① $2x + 2y = 6$
 $3x - 5 = y$

② $-20x + 6y = -6$
 $-10x - 4y = 4$

③ $3x + 5y = -9$
 $-6x - 5y = -18$

④ $-2x + 3y = -1$
 $2x + 5y = 25$

⑤ $x + 4y = 7$
 $4x - 3y = 9$

⑥ $2x - 5y = 30$
 $x + 5y = -45$

⑦ $-7x - 6y = 11$
 $-8x - 12y = 28$

⑧ $3x + 4y = -1$
 $4x - 3y = 7$

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Solving Systems of Equations by Elimination

Answer.

① $2x + 2y = 6$
 $3x - 5 = y$

(2, 1)

③ $3x + 5y = -9$
 $-6x - 5y = -18$

(-3, 0)

⑤ $x + 4y = 7$
 $4x - 3y = 9$

(3, 1)

⑦ $-7x - 6y = 11$
 $-8x - 12y = 28$

(1, -3)

② $-20x + 6y = -6$
 $-10x - 4y = 4$

(0, -1)

④ $-2x + 3y = -1$
 $2x + 5y = 25$

(5, 3)

⑥ $2x - 5y = 30$
 $x + 5y = -45$

(-5, -8)

⑧ $3x + 4y = -1$
 $4x - 3y = 7$

(1, -1)