

Name : _____

Score : _____

Teacher : _____

Date : _____

Solving Systems of Equations by Elimination

$$1) \begin{aligned} y &= -\frac{4}{9}x - 3 \\ y &= -\frac{7}{5}x - 3 \end{aligned}$$

$$6) \begin{aligned} y &= 8x - 9 \\ y &= 7 \end{aligned}$$

$$2) \begin{aligned} y &= 7x - 10 \\ y &= -3 \end{aligned}$$

$$7) \begin{aligned} y &= \frac{1}{2}x + 5 \\ y &= -\frac{5}{2}x - 1 \end{aligned}$$

$$3) \begin{aligned} 7x + 4y &= 24 \\ 4x &= 16 \end{aligned}$$

$$8) \begin{aligned} x + 7y &= 24 \\ x - 9y &= -24 \end{aligned}$$

$$4) \begin{aligned} y &= -\frac{4}{3}x + 6 \\ y &= 2 \end{aligned}$$

$$9) \begin{aligned} y &= \frac{1}{2}x + 3 \\ y &= 5 \end{aligned}$$

$$5) \begin{aligned} y &= -\frac{3}{4}x + 4 \\ y &= -\frac{1}{2}x - 1 \end{aligned}$$

$$10) \begin{aligned} 5x - 4y &= -23 \\ -5x + 9y &= 8 \end{aligned}$$



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Solving Systems of Equations by Elimination

1) $y = -\frac{4}{9}x - 3$

$$y = -\frac{7}{5}x - 3$$

(0,-3)

6) $y = 8x - 9$

$$y = 7$$

(2,7)

2) $y = 7x - 10$

$$y = -3$$

(1,-3)

7) $y = \frac{1}{2}x + 5$

$$y = -\frac{5}{2}x - 1$$

(-2,4)

3) $7x + 4y = 24$

$$4x = 16$$

(4,-1)

8) $x + 7y = 24$

$$x - 9y = -24$$

(3,3)

4) $y = -\frac{4}{3}x + 6$

$$y = 2$$

(3,2)

9) $y = \frac{1}{2}x + 3$

$$y = 5$$

(4,5)

5) $y = -\frac{3}{4}x + 4$

$$y = -\frac{1}{2}x - 1$$

(4,1)

10) $5x - 4y = -23$

$$-5x + 9y = 8$$

(-7,-3)

