

Equal Values Method for Solving Systems

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Date_____ Period____

Solve each system by substitution.

1) $y = x + 2$
 $y = 4x + 23$

2) $y = 3x - 22$
 $y = 2x - 15$

3) $y = 4x + 24$
 $y = x + 9$

4) $y = 5x + 20$
 $y = x + 4$

$$5) \quad y = -6x - 14$$
$$y = -5x - 12$$

$$6) \quad y = -6x + 18$$
$$y = 3x - 9$$

$$7) \quad y = x - 5$$
$$y = 5x - 13$$

$$8) \quad y = -3x - 9$$
$$y = 2x + 11$$

$$9) \quad y = -8$$
$$y = 6x + 10$$

$$10) \quad y = 3$$
$$y = -2x - 13$$