

Simplify the Equations for the Variable  $y$

$$8(28x - 27) = 32y + 168$$

*Solution*

$$y = 7x - 12$$

$$10(-9x - 9y) = 90$$

*Solution*

$$y = -1x - 1$$

$$9(18 - 24x) = 162 + 54y$$

*Solution*

$$y = 4x$$

$$8(16 + 16x) = 32y - 192$$

*Solution*

$$y = 10 + 4x$$

$$120x = 5(16 + 4y)$$

*Solution*

$$y = 6x - 4$$

$$7(5y + 5x) = 105$$

*Solution*

$$y = 3 - x$$

$$9(-27x - 21) = 54 - 27y$$

*Solution*

$$y = 9x - 9$$

$$280x = 10(14 - 14y)$$

*Solution*

$$y = 1 - 2x$$

$$40x = 5(-4y + 24)$$

*Solution*

$$y = -2x + 6$$

$$4(5x - 3) = -20y - 52$$

*Solution*

$$y = -1x - 2$$