

$$5x + 3y = 39$$

$$8x - 2y = 42$$

$$50x = 39 - 3y$$

$$50x = -3y + 39$$

$$8x - 2y = 42$$

$$8\left(-\frac{3}{5}y + \frac{39}{5}\right) - 2y = 42$$

$$3x + 5 = 15 \quad 31x = 105$$

$$15 + 143 + 2 = 312$$

$$-3 - 2 + 39 = 34$$

$$\frac{-34}{5}y + \frac{312}{5} = 42$$

x

$$x = \frac{-3}{5}y + \frac{34}{5}$$

$$x = \frac{-3}{5}(3) + \frac{34}{5}$$

$$x = 6$$

$$\frac{-34}{5}y = -102$$

$$\frac{-34}{5}y = \frac{-102}{5}$$

$$\frac{-34}{5}y = \frac{-34}{5}$$

$$= y = 3$$

$$x = 6 \quad y = 3$$