

#5

mult by 3

$$-5x + 3y = -26$$

$$7x - y = 30$$

$$-5x + 3y = -26$$

$$\underline{21x - 3y = 90}$$

$$16x = 64$$

$$\frac{16x = 64}{16} = \frac{64}{16}$$

$$x = 4$$

$$7x - y = 30$$

$$7(4) - y = 30$$

$$28 - y = 30$$

$$28 - 30 = y$$

$$-2 = y$$

$$(4, -2)$$

#6

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

mult by 3

$$3x - 4y = -2$$

$$3x + 15y = -5$$

$$3x - 4y = -2 \quad \text{mult by } -1$$

$$3x + 15y = -5$$

$$\underline{-3x + 4y = 2}$$

$$19y = -3$$

$$y = -\frac{3}{19}$$

$$3x - 4y = -2$$

$$3x - 4\left(-\frac{3}{19}\right) = -2$$

$$3x + \frac{12}{19} = -2$$

$$19(3x) + 19\left(\frac{12}{19}\right) = 19(-2)$$

$$57x + 12 = -38$$

$$57x = -38 - 12$$

$$57x = -50$$

$$x = -\frac{50}{57}$$

$$\left(-\frac{50}{57}, -\frac{3}{19}\right)$$