

Solve by the Elimination (Addition) Method

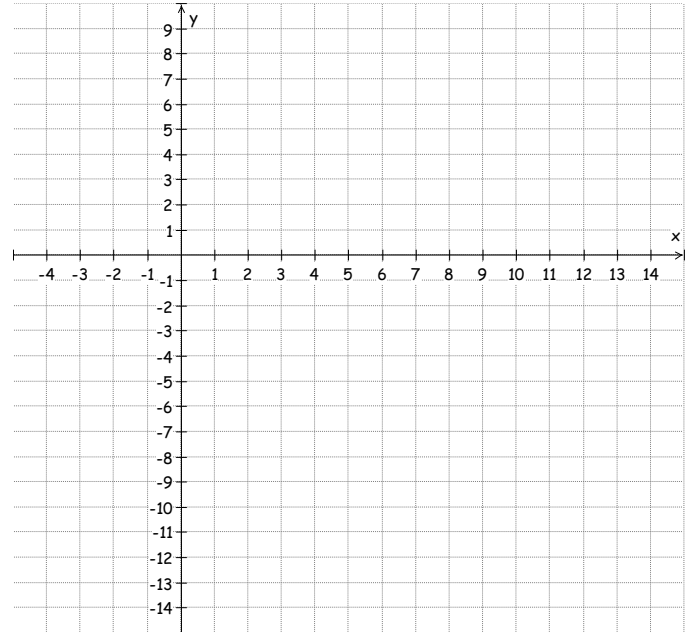
$$4x - 3y = 29$$

$$2x + y = -3$$

$$y = (2/3)x - 11 \quad \& \quad y = (-1/2)x - 4$$

(a) Solve by Graphing Calculator

(b) Solve by Substitution



A pile of 108 coins has both Nickels and Dimes. There are three times as many Nickels as Dimes.

Let $N = \#$ of Nickels, $D = \#$ of Dimes and write the pair of Equations corresponding to the above. Then solve the equations by the method of your choice and determine the value of the pile of coins.