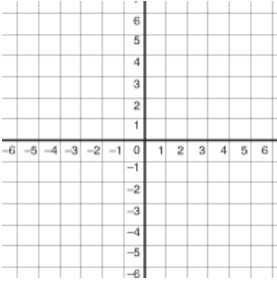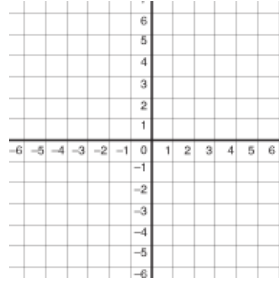**Geometry: 13.3 Notes**

Solve each system of equations by graphing:
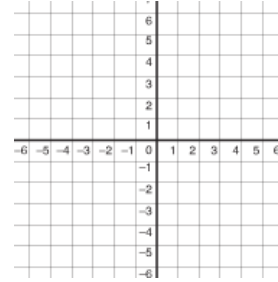
a. $y = 5 - x$
   $2x + 3y = 12$

b. $x + y = 6$
   $-6x + 3y = -12$

c. $2x + 2y = 6$
   $4x - 6y = 12$

Solve using substitution:

a. $y = -3x + 1$
   $3 + y = x$

b. $4x - 3y = -35$
   $3x - 5 = y$

Solve using elimination:

a. $4x - 2y = 4$
   $2x + y = 6$

b. $3x + 5y = 7$
   $4x + 2y = 0$

Translate to a system of equations. Then solve.
Tanisha has 70 coins, all quarters and dimes. There are 30 more quarters than there are dimes. Find the number of each type of coin Tanisha has.