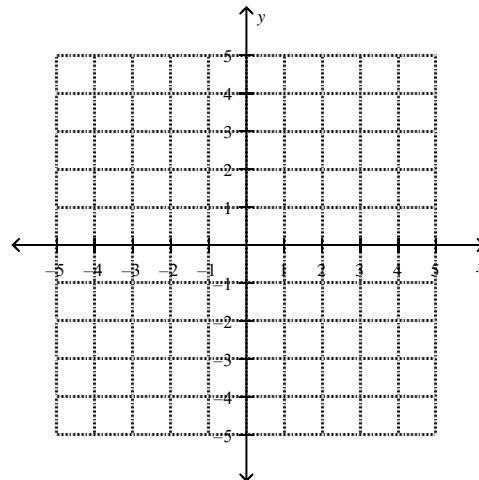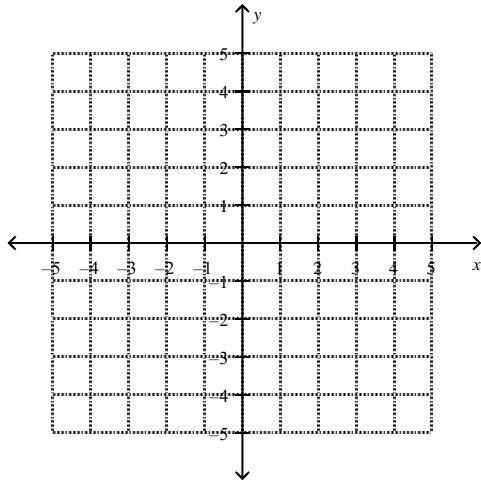Solving and Graphing Review   Name_____

Solve the equation for y and then graph the equation.

1. $2x + 5y = 10$ 2. $-3x + 2(y + 1) = 6$

Solve the equation for y and then make a table with the given values of x.

3. $5y - 3x = 10$ 4. $4(x + 2) + 2y = 14$

x	y
-5	
0	
5	
10	

x	y
-4	
-1	
2	
5	

Solve the equation for y
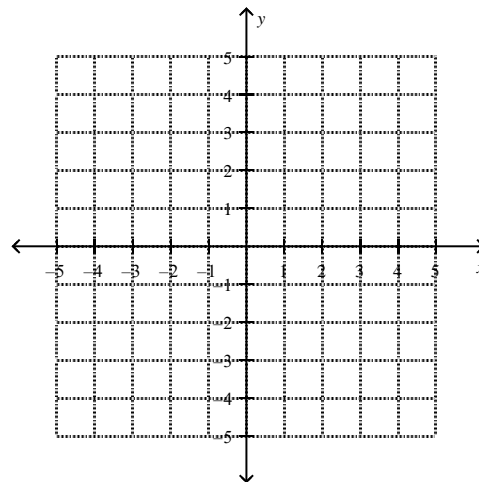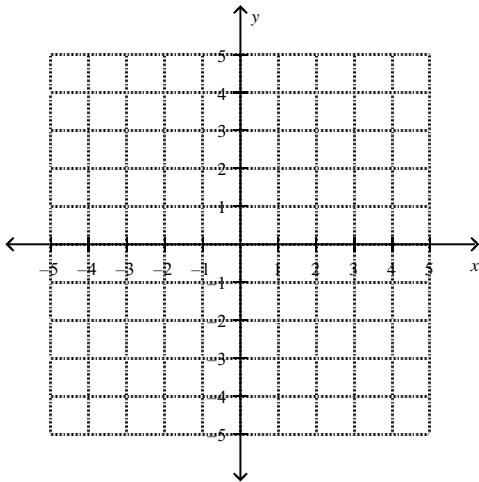
5. $\dfrac{x}{3} + 5y = 10$

6. $\dfrac{x}{3} + \dfrac{y}{4} = 1$

Solve the equation for y then graph

7. $y - 2 = -3(x + 1)$

Graph the equation and then solve

8. $y - 2 = -3(x + 1)$

Airplane Travel: Use the formula **D = RT**, where **D is the distance traveled** at a **rate of R** for **time T**

1. Solve the equation D = RT for R.

Savings Account: Use the formula **I = PRT**, where **I is the simple interest** on an **investment of P** dollars at an **interest rate R** for **T years**.

1. Solve the equation I = PRT for T