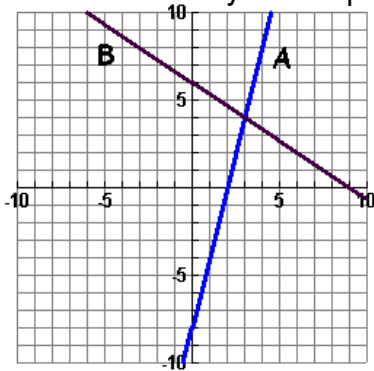


1) Find the x and y intercepts, and the slope of each line:



Line A  
Xint (            )

Yint (            )

Slope =

Line B  
Xint (            )

Yint (            )

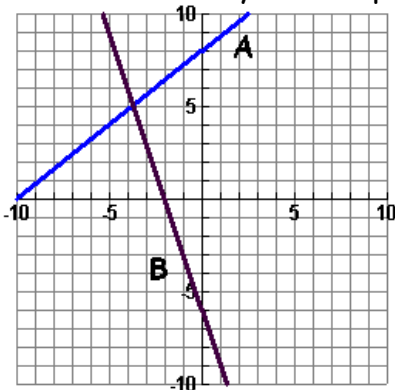
Slope =

2) Find the equation of lines A and B above. Use the fact that you just wrote the slope and y-intercept of each line.

A)

B)

3) Find the x and y intercept, the slope and the equation of each line below:



Line A  
Xint (            )

Yint (            )

Slope =

EQ =

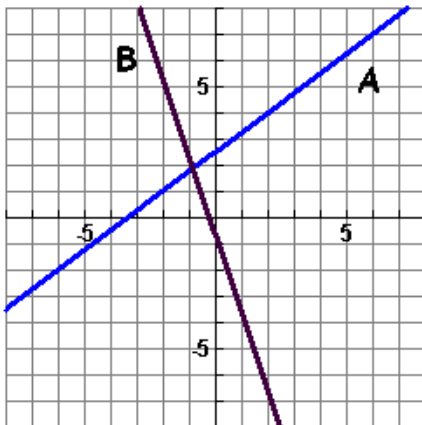
Line B  
Xint (            )

Yint (            )

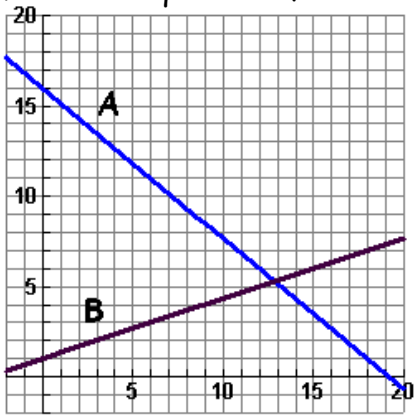
Slope =

EQ =

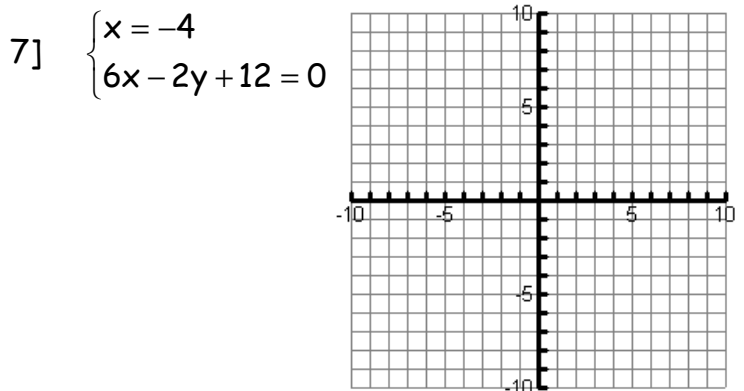
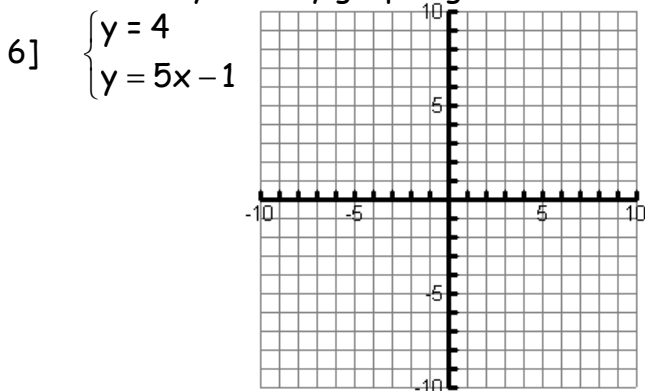
4) Find the equation of each line below. Notice that the intercepts are not easy to name. Therefore you should find two "easy points" on each line to help you write the equation. Using these two points, find the slope - then use point-slope formula to find the equation.



5] Find the equation of each line below:



Solve each system by graphing:



Find the slope and the x and y intercept of each line:

8]  $y = 4x + 12$

9]  $3x - 5y = 20$

Use the given slope and/or points to find the equation of each line. List the x and y intercept of each line.

10]  $m = 2, (2, -4)$

11]  $m = -\frac{2}{3}, (5, 7)$

12]  $(-1, 5)$  and  $(6, 0)$

Solve each system using substitution:

13] 
$$\begin{cases} y = 3x + 1 \\ 2x + y = 11 \end{cases}$$

14] 
$$\begin{cases} 2x - 5y = 22 \\ x = -2y + 2 \end{cases}$$