

1) For each equation, pick A or B to identify the correct form.

$3x + 12y = 4$	$y = 4x + 1$	$3x + y = 4$	$x - 3y = 0$	$y = 9x$
A) slope-intercept form	A) slope-intercept form	A) slope-intercept form	A) slope-intercept form	A) slope-intercept form
B) standard form	B) standard form	B) standard form	B) standard form	B) standard form

Fill in the blanks

2) The \_\_\_\_\_ of any graph is the point where the line crosses the **x- axis**

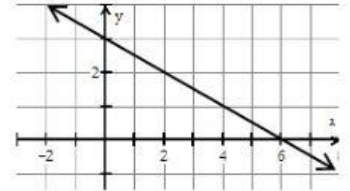
*x-intercept or y-intercept*

→ for the graph this point is \_\_\_\_\_ → you must write the point as an ordered pair because it is on a graph

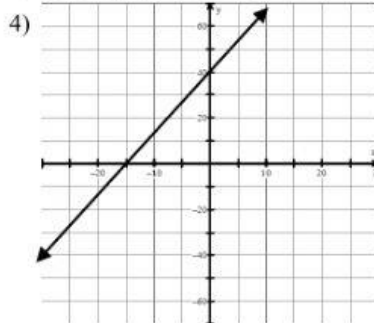
3) The \_\_\_\_\_ of any graph is the point where the line crosses the **y- axis**

*x-intercept or y-intercept*

→ for the graph below this point is \_\_\_\_\_ → you must write the point as an ordered pair because it is on a graph

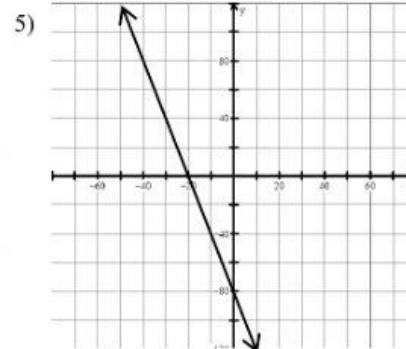


Given the graphs below, identify the x-intercept and y-intercept of each. You must write them as ordered pairs because they are points.



x-intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_



x - intercept: \_\_\_\_\_

y-intercept: \_\_\_\_\_

Find the intercept points to graph for each equation given in **Standard form**. Also find slope when asked.

→ I left if you need for work (this will help identify any mistake if you made when you check it)

6)  $6x - 3y = 12$

Find the **x-intercept** by solving

\_\_\_\_\_

*Answer must be ordered pair*

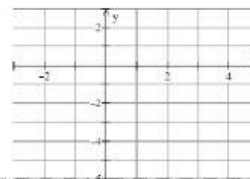
Find the **y-intercept** by solving:

\_\_\_\_\_

*Answer must be ordered pair*

Graph your points and draw line:  
(can not do on live worksheet - skip)

Slope: \_\_\_\_\_



7)  $50x + 75y = -600$

Find the **x-intercept** by solving

\_\_\_\_\_

*Answer must be ordered pair*

Find the **y-intercept** by solving:

\_\_\_\_\_

*Answer must be ordered pair*

Slope: \_\_\_\_\_