Algebra I_Review → Standard form_3 **Name:** _____

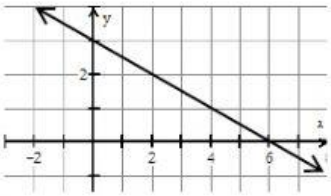
1) For each equation, pick A or B to identify the correct form.

$3x + 12y = 4$	$y = 4x + 1$	$3x + y = 4$	$x - 3y = 0$	$y = 9x$
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

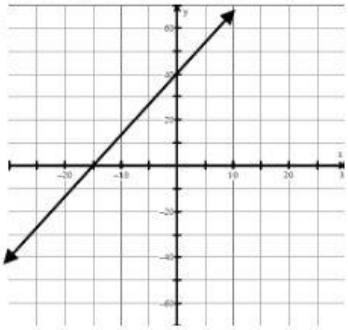


3) The _____ of any graph is the point where the line crosses the **y- axis**
x-intercept or y-intercept

→ 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.

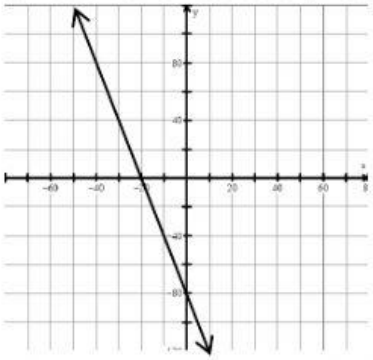
4)



x-intercept: _____

y-intercept: _____

5)



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) $6x - 3y = 12$

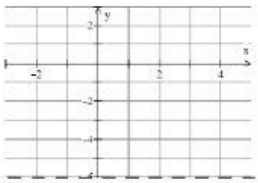
Find the **x-intercept** by solving

_____
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:

LIVEWORKSHEETS