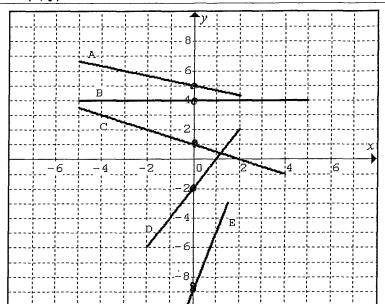
DEFINITION: The y-intercept is the point on the y-axis where your line crosses or meets the y-axis. It is also the coordinate that has an x-value of ZERO. (0, y)

For each line on the grid to the right, state the COORDINATE of the y-intercept. Line A is done for you.

- A) (0,5)
- B) (👌 , 4)
- C) (o , ****)
- D)(0, -2)
- E) (6, _ g)



What do all these points have in common?

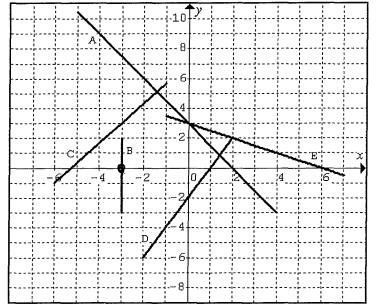
$$x$$
-coordinate is 0.
To find y-intercept, set $x=0$.

DEFINITION: The x-intercept is the point on the x-axis where your line crosses or meets the x-axis. It is also the coordinate that has a y-value of ZERO. (x, 0)

For each line on the grid to the right, state the COORDINATE of the x-intercept. Line A is done for you. *

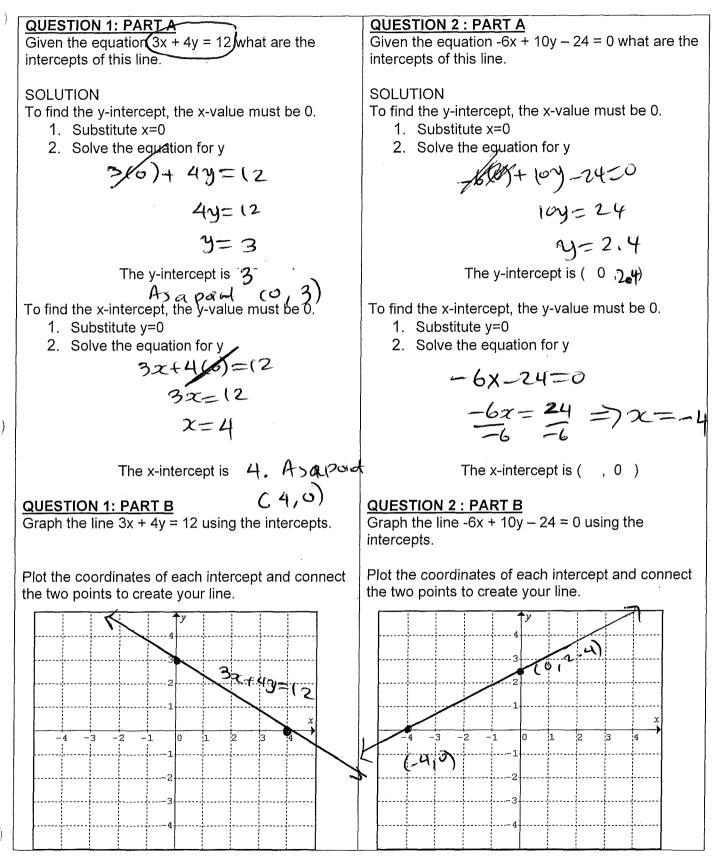
- A) (2,0)
- B) (-3,0)
- C) (-52,0)
- D)(**1**,**0**)
- E) (6,0)

What do all these points have in common?

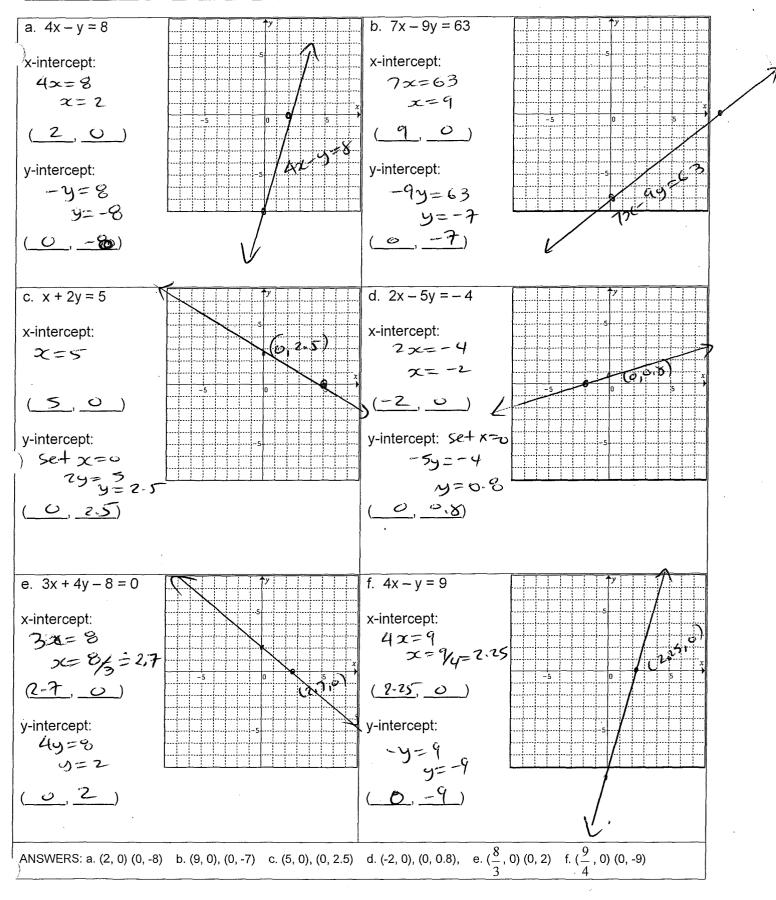


Lesson: Graphing with x-Intercepts and y-Intercepts

 Note problems where you are asked to find both the intercepts, the line is usually not in y=mx+b form, rather a different form (possibly standard form Ax + By + C = 0).



Practice: Graphing with x-Intercepts and y-Intercepts



Mathematics 9 Determining Points of Intersection

