Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ November 11, 2014

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| Today’s Objective: | |
| Vocabulary:  Finding intercepts with a graph:  Finding intercepts with an equation:  Using Intercepts to graph linear equations: | x-intercept  y-intercept  standard form of a linear equation  [http://domathtogether.com/wp-content/uploads/2012/10/coordinate-plane1.png](http://www.google.com/url?sa=i&source=images&cd=&cad=rja&docid=Hwrce0OsLvCvLM&tbnid=gph7zqqt5vW0DM:&ved=0CAgQjRwwAA&url=http://domathtogether.com/prob/random-walk-in-the-plane/coordinate-plane-2/&ei=X9pJUvqUC6K6yQHM84GQAg&psig=AFQjCNGyrx0dLHGIwWZQXkt4j0EOHcm_5g&ust=1380658143221800)  To find the x-intercept, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  To find the y-intercept, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  Example 1: Find the x- and y-intercept of the equation 5x – 2y = 10.  x-intercept ( , ) y-intercept ( , )  5x – 2y = 10  x-intercept ( , ) y-intercept ( , )  [http://domathtogether.com/wp-content/uploads/2012/10/coordinate-plane1.png](http://www.google.com/url?sa=i&source=images&cd=&cad=rja&docid=Hwrce0OsLvCvLM&tbnid=gph7zqqt5vW0DM:&ved=0CAgQjRwwAA&url=http://domathtogether.com/prob/random-walk-in-the-plane/coordinate-plane-2/&ei=X9pJUvqUC6K6yQHM84GQAg&psig=AFQjCNGyrx0dLHGIwWZQXkt4j0EOHcm_5g&ust=1380658143221800) |