Math Virtual Learning

Algebra 1 S1

Graphing in Standard Form

April 13, 2020

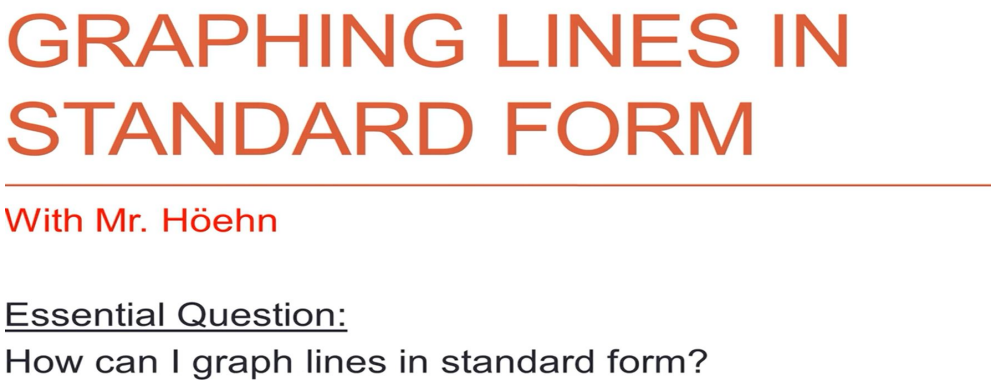
Algebra I S1
Lesson: April 13, 2020

Objective/Learning Target:

Student can graph a line in Standard Form continued...

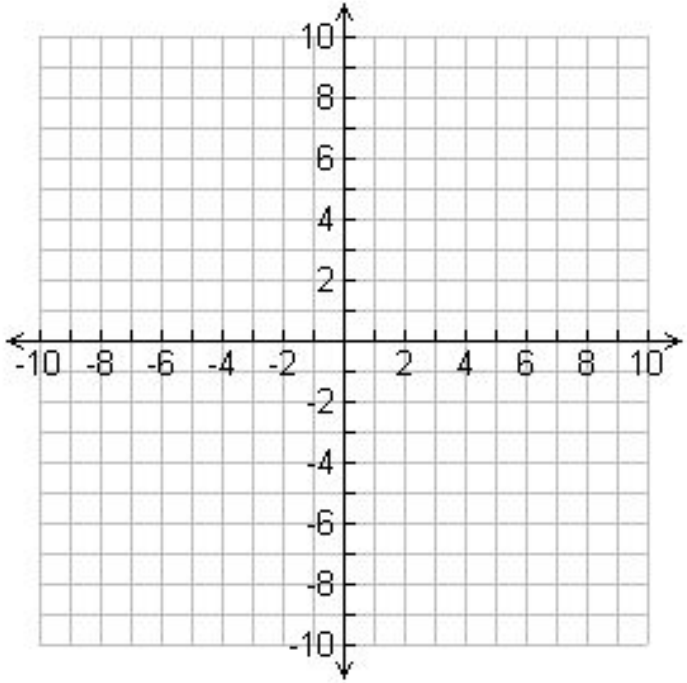
Click the link for a review of the previous lesson.

https://www.youtube.com/watch?v=eC6KzHYIL3A



BELL RINGER

On a sheet of paper, graph $5x + 2y = 10$.



BELL RINGER → Answer Key

Graph $5x + 2y = 10$.

SOLUTION

STEP 1

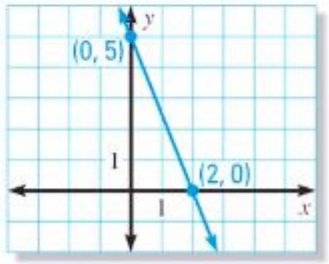
The equation is already in standard form.

STEP 2

Identify the x-intercept.

$5x + 2(0) = 10$ **Let $y = 0$.**

$x = 2$ **Solve for x.**



The x-intercept is 2. So, plot the point $(2, 0)$.

BELL RINGER → Answer Key

STEP 3

Identify the y-intercept.

$5(0) + 2y = 10$ Let $y = 0$.

$y = 5$ Solve for y.

The y-intercept is 5. So, plot the point $(0, 5)$.

STEP 4

Draw a line through the two points.

Click the two videos learn more about changing an equation to slope intercept form and graphing.

Video 1

Video 2

PRACTICE

Click the link for practice graphing equations in standard form. Then, check your answers on the second page.

Graphing a Line Practice

EXIT PASS