

NAME _____

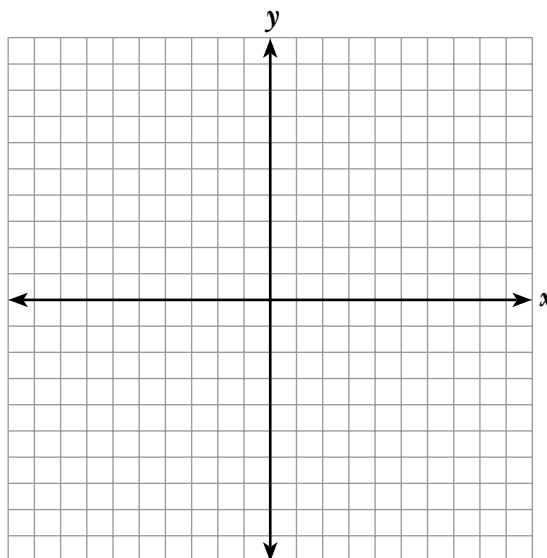
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Module 8 Writing Linear Equations of Two Variables
Lesson 2 Writing Equations of Lines, Given the Slope and y-Intercept

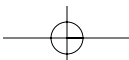
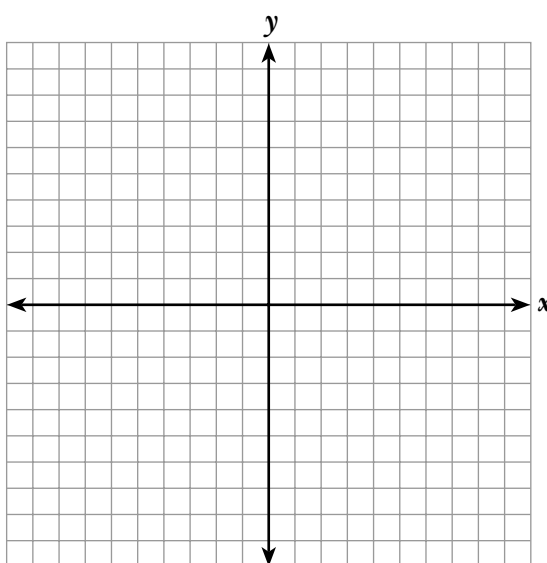
guided practice

Set 1

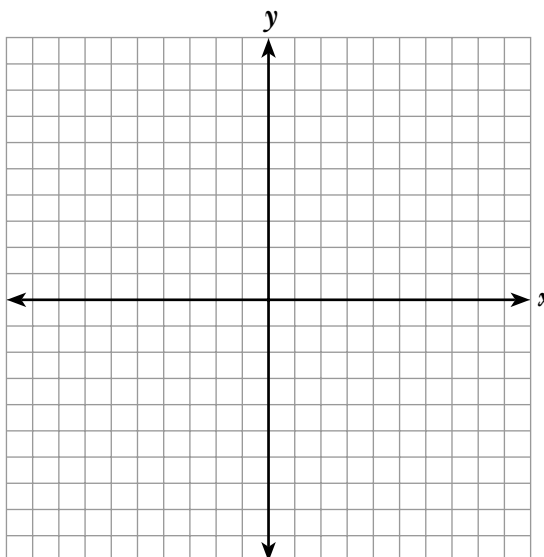
1. Find the equation of the line in slope-intercept form.



2. Find the equation of the line in slope-intercept form.



3. Find the equation of the line in slope-intercept form.



Set 2

1. Find the equation of the line in slope-intercept form.

Slope: $-\frac{3}{4}$ y-intercept: 6

2. Find the equation of the line.

Slope: undefined Passes through $(-2, 7)$

3. Find the equation of the line.

Slope: 0 Passes through $(0, 4)$

Set 3

1. Write the equation of the line that is parallel to $y = \frac{3}{5}x + 2$ and has a y-intercept of -5 .

2. Write the equation of the line that is perpendicular to the line $y = \frac{5}{6}x - 9$ and has a y-intercept of 3.

