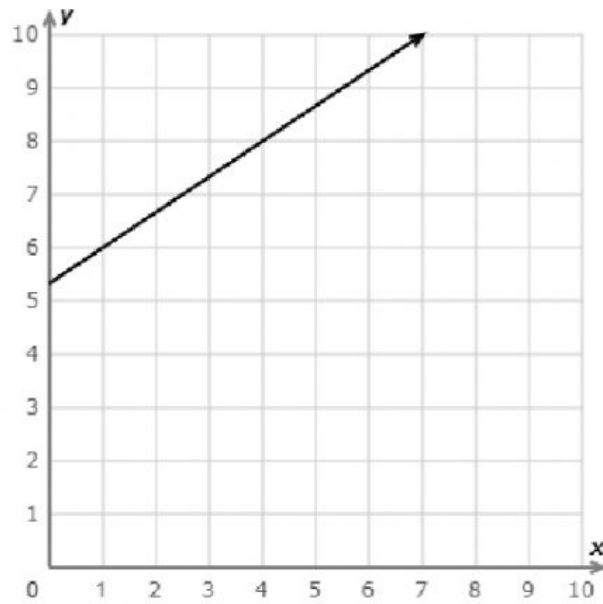
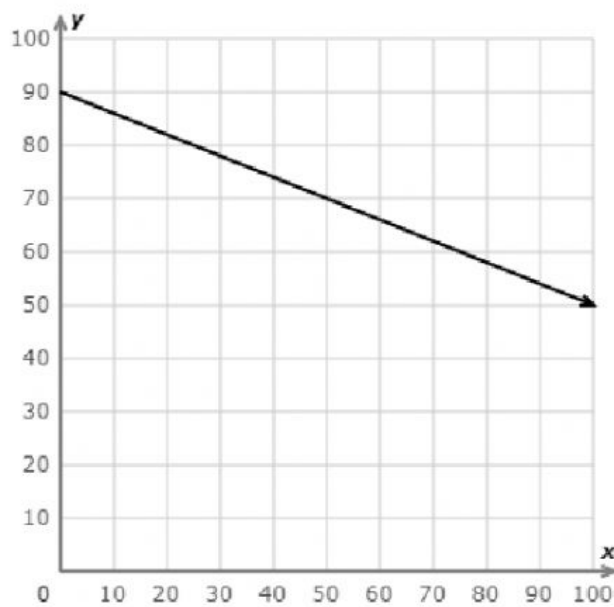


Name: \_\_\_\_\_

Find the slope of a graph



What is the slope?



What is the slope?

**Find the slope of two points**

Find the slope of the line that passes through (7, 10) and (3, 13).

*Simplify your answer and write it as a proper fraction, improper fraction, or integer.*

Find the slope of the line that passes through (-78, -21) and (-77, 33).

*Simplify your answer and write it as a proper fraction, improper fraction, or integer.*

Find the slope of the line  $y = \frac{11}{4}x + 6$ .

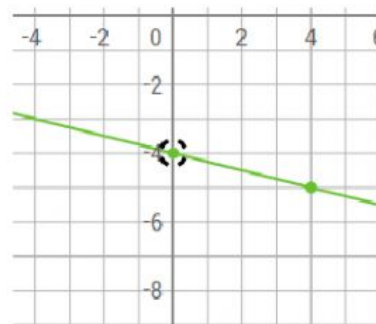
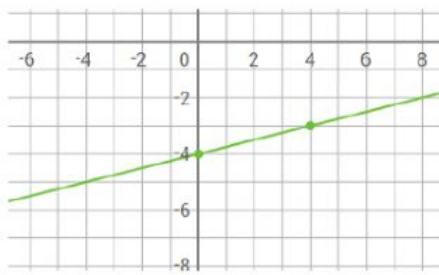
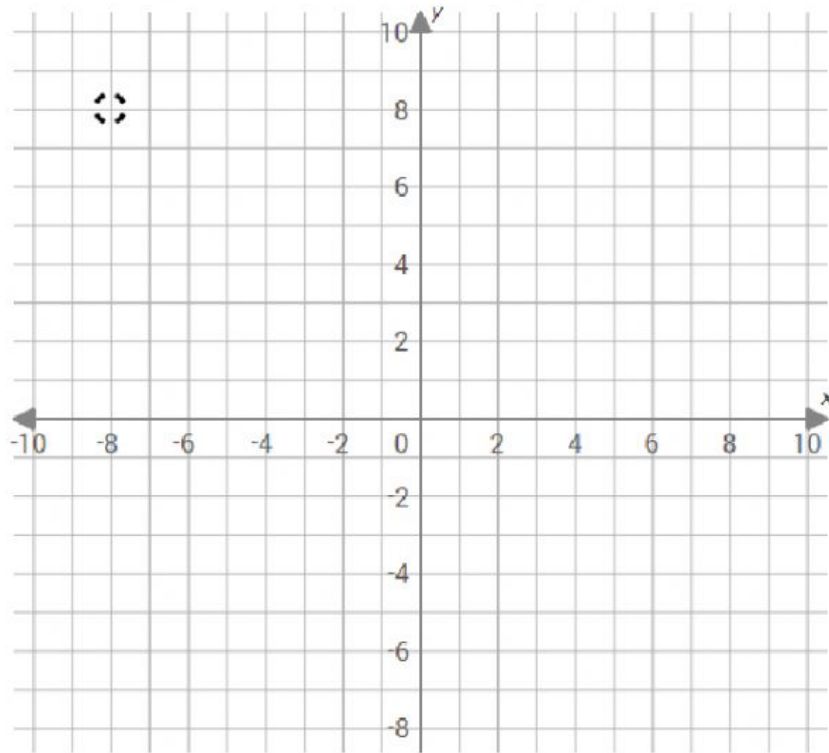
*Simplify your answer and write it as a proper fraction, improper fraction, or integer.*

**Graph an equation**

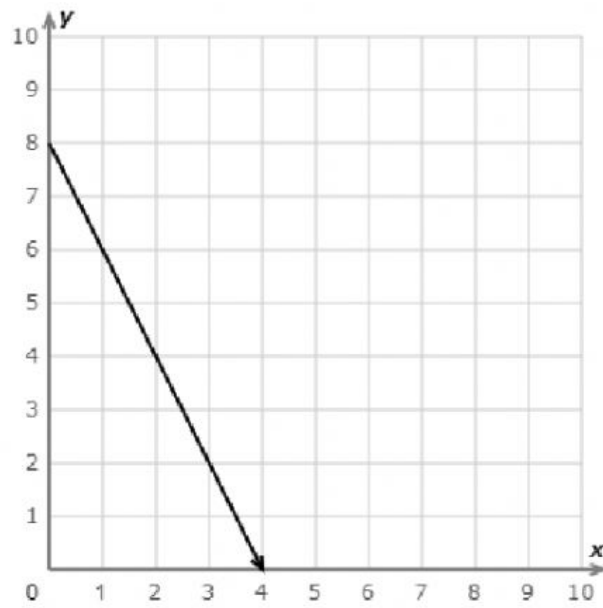
Graph this line using the slope and y-intercept:

$$y = \frac{1}{4}x - 4$$

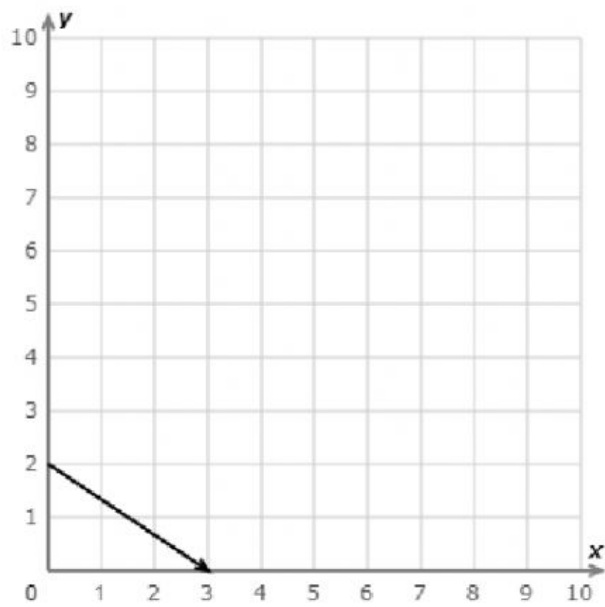
Click to select points on the graph.



Write an equation from a graph



What is the equation of the line in slope-intercept form?



**Write an equation in slope intercept form**

A line with a slope of  $\frac{1}{2}$  passes through the point (14, 7). What is its equation in slope-intercept form?

*Write your answer using integers, proper fractions, and improper fractions in simplest form.*

A line passes through the points (15, 0) and (1, -14). What is its equation in slope-intercept form?

*Write your answer using integers, proper fractions, and improper fractions in simplest form.*