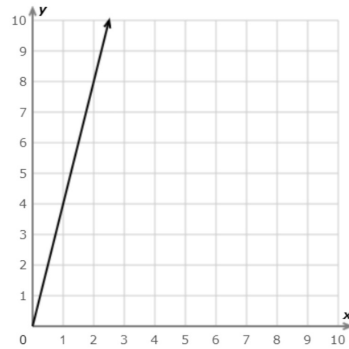


IXL Skill 8.Y.8: Write a Linear Equation from a Graph

$$y = mx + b$$

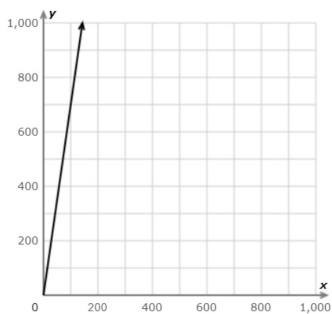
slope

y-intercept



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

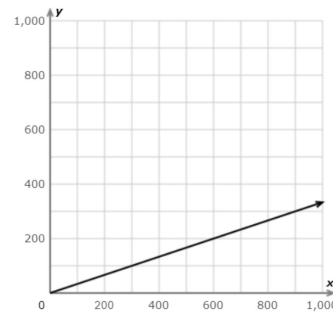
Look at this graph.



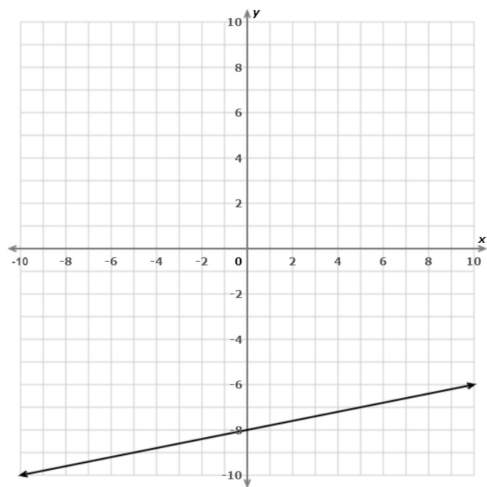
What is the equation of the line in slope-intercept form?

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

Look at this graph.

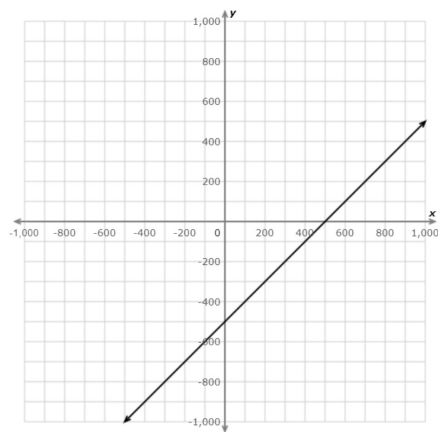


What is the equation of the line in slope-intercept form?



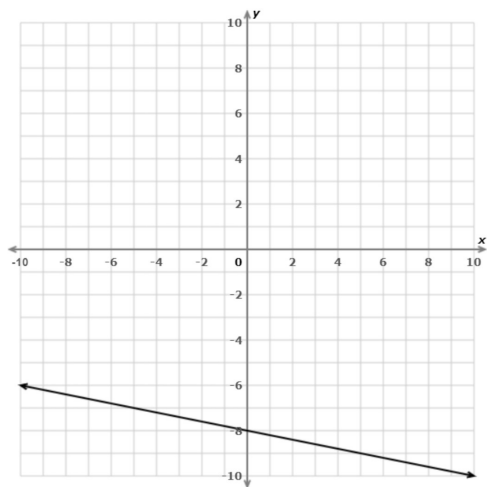
What is the equation of the line in slope-intercept form?

Look at this graph.

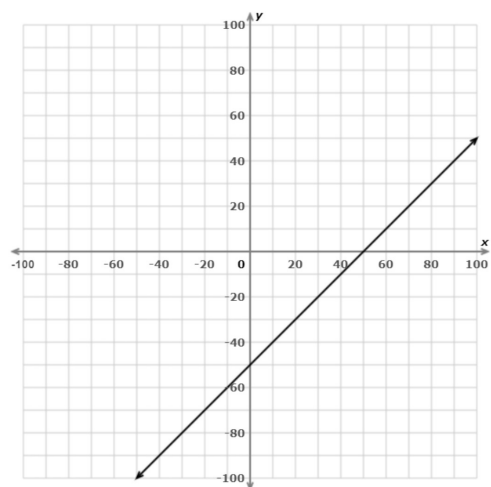


What is the equation of the line in slope-intercept form?

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

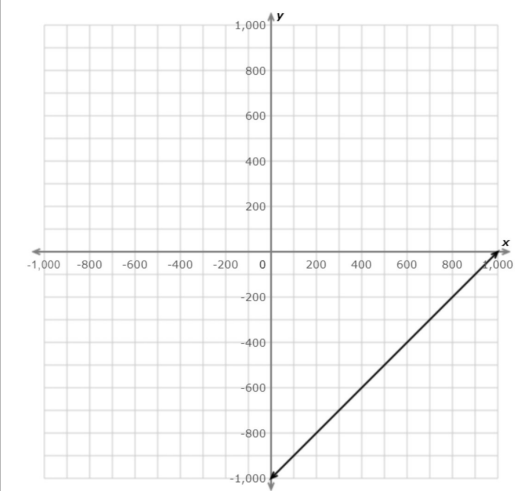


What is the equation of the line in slope-intercept form?

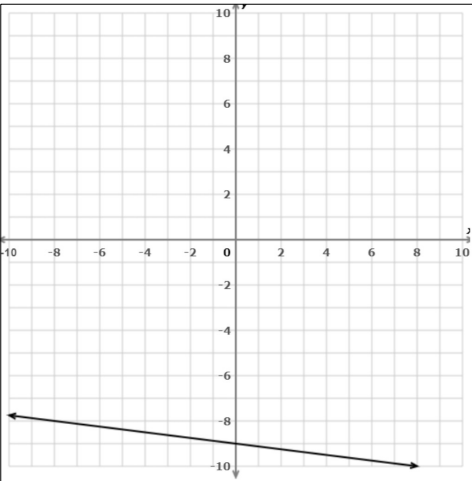


What is the equation of the line in slope-intercept form?

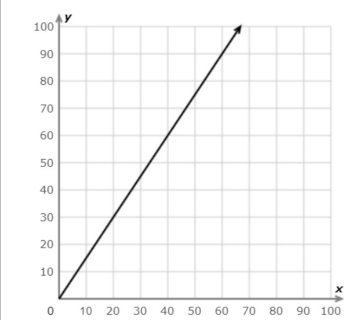
Look at this graph.



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

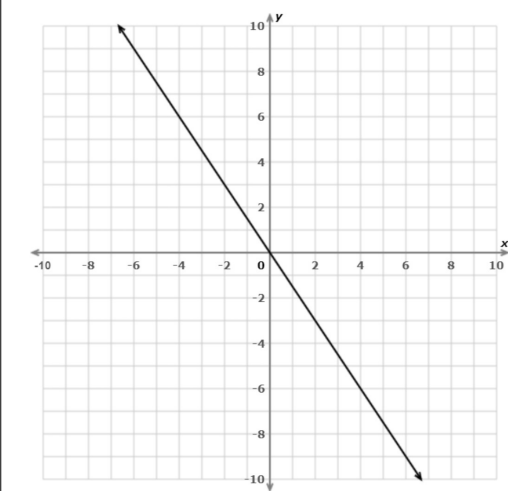


Look at this graph.

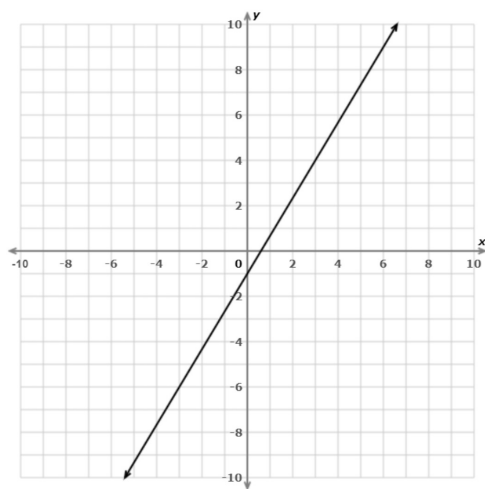


What is the equation of the line in slope-intercept form?

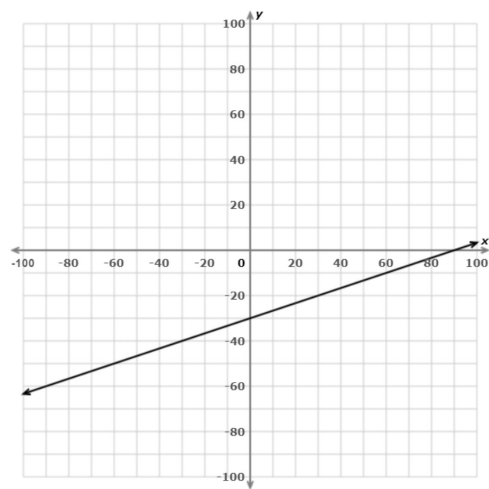
Look at this graph.



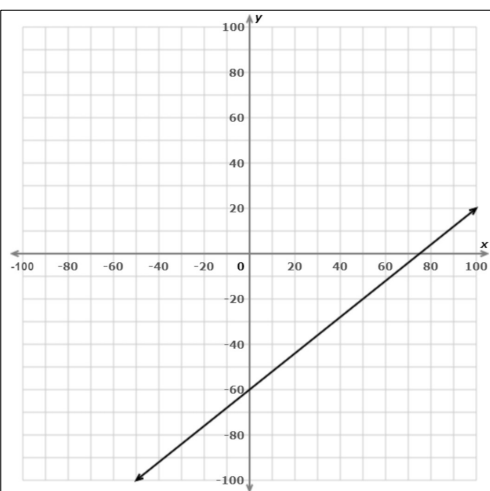
What is the equation of the line in slope-intercept form?



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



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



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

[IXL Skill 8.W.11 Solving Equations with Variables on Both Sides](#)

Use inverse operations to move variable terms or constants **ACROSS** the equals sign.

Combine variable terms on one side of the equals sign, and constants on the other side.

Solve for v .

$$6v = 7v + 9$$

$$v = \boxed{}$$

Solve for f .

$$-4f = 8 - 5f$$

$$f = \boxed{}$$

Solve for b .

$$-8b + 6 = -7b$$

$$b = \boxed{}$$

Solve for t .

$$4 - 9t = -3 - 10t$$

$$t = \boxed{}$$

Solve for v .

$$4v - 6 = 10 + 2v$$

$$v = \boxed{}$$

Solve for f .

$$-20 + 13f = 19 + 10f$$

$$f = \boxed{}$$

Solve for f .

$$8 - 4f = -5f - 2$$

$$f = \boxed{}$$

Solve for t .

$$-4 + 9 + t = 5 - 4t$$

$$t = \boxed{}$$

Solve for r .

$$r - 5 - 5r = -19 - 5r$$

$$r = \boxed{}$$

Solve for d .

$$2d = d - 16$$

$$d = \boxed{}$$

Solve for j .

$$-11.8j = -11.3j + 9.15$$

$$j = \boxed{}$$

Solve for b .

$$19.87 - 15.5b + 17.62 = -19.71 + 13.1b$$

$$b = \boxed{}$$