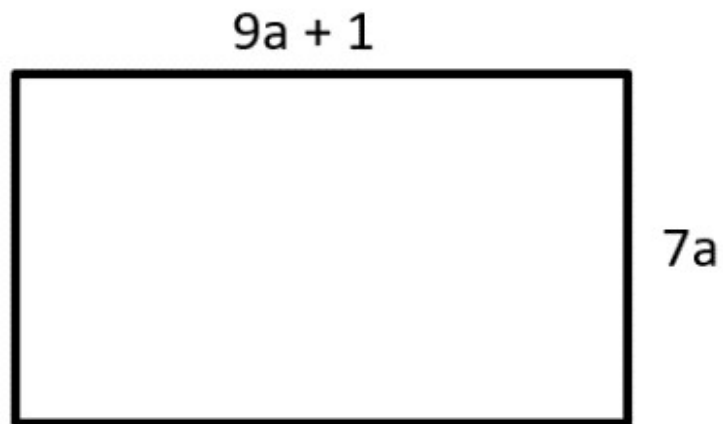


Commonly Missed Q's

Units 4, 5, and 6

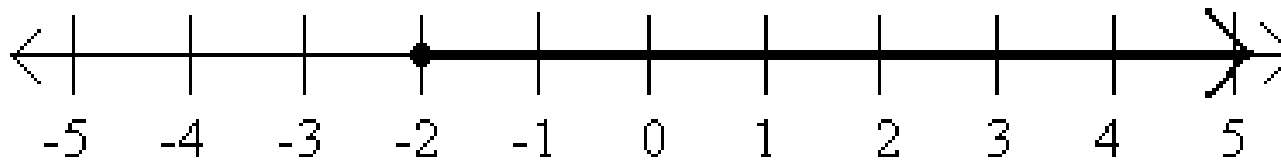
The perimeter of the rectangle is 66 units. Find the value of a .



Write the inequality represented on the number line below.

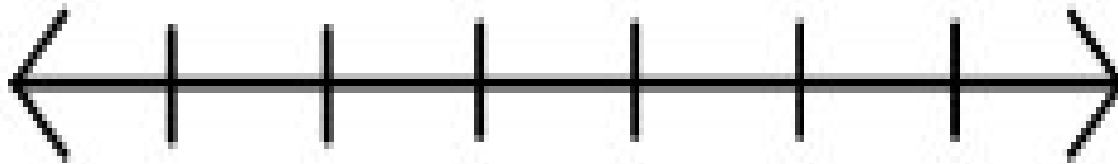


Write the inequality represented on the number line below.



Solve the inequality. Then graph the solutions on the number line.

$$-6(2x - 4) < 36$$



A store is selling their jeans for 30% off. The jeans you picked out are originally \$45.

What is the sale price?

What is the final price, including 8% sales tax?

A car is on sale for \$16,150. If the original price of the car was marked down 15%, what was the original price of the car?

You purchase a bike that is originally marked \$200. When you get to the register you learn that there is a discount of 30% off plus an additional 10% off the discounted price. What is the final sale price (not including tax)?

The table below shows the time it took for three different students to run. Only one student is running at a constant rate. Write an equation that can be used to represent y , the number of minutes taken to run x miles, for that student.

Miles	Larry	Jenny	Audrey
2	15 min	25 min	20 min
5	37.5 min	60 min	40 min
8	60 min	75 min	75 min

The coordinates of point P are (4,3) The coordinates of Point Q are (x,9)

What is the value of x, if the coordinates of point Q if points P and Q are in a proportional relationship?

Write an equation for the graph in the form $y = kx$.

