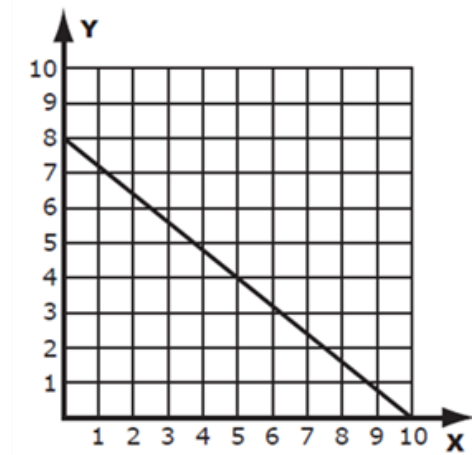
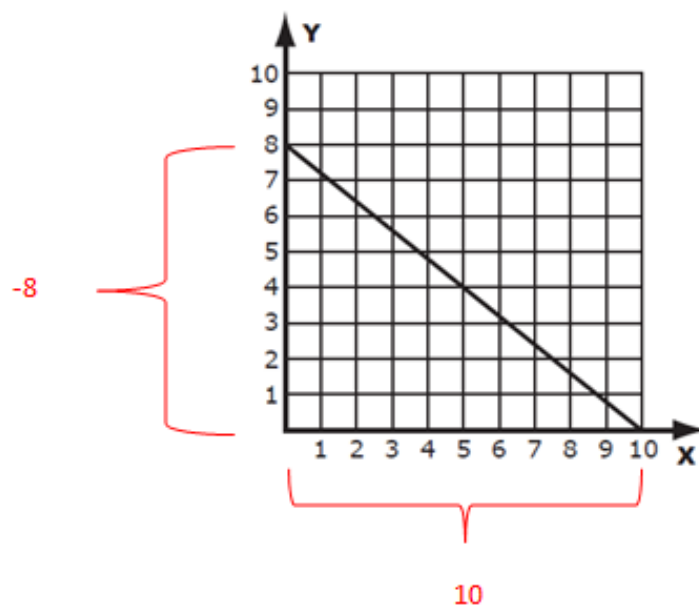


Possible Solutions

Using the coordinate plane shown below, find the rate of change represented.



Solution 1



$$\frac{-8}{10} = \frac{-4}{5}$$

The rate of change is $\frac{-4}{5}$.

Solution 2

The family drove 6 hours each day.

On day 1, they drove 6 hours.

On day 2, they drove 6 more hours for a total of 12 hours.

On day 3, they drove 6 more hours for a total of 18 hours.

Make a table.

Days (x)	Hours (y)
1	6
2	12
3	18

The table demonstrates that the family drove at a constant rate of change of 6 hours in one day.