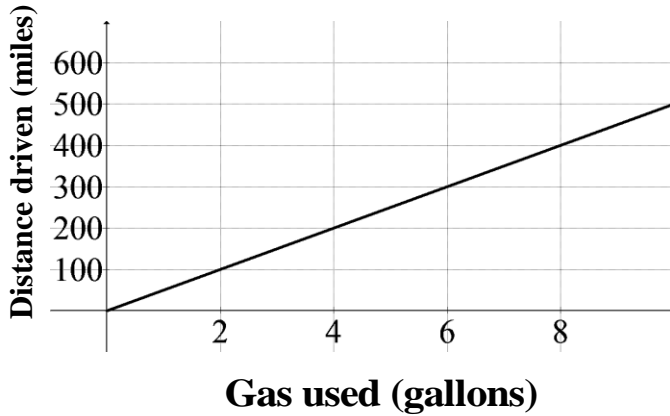


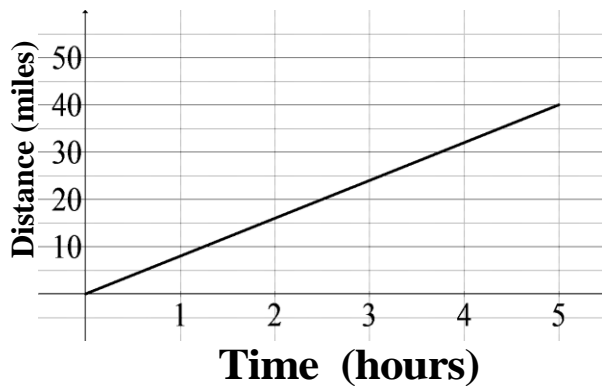
A. Find the rate of change for each situation. B. Identify the independent variable C. Identify the dependent variable. D. Tell a possible story for each graph. Answers must include units.

1. The distance you drive on a tank of gas.



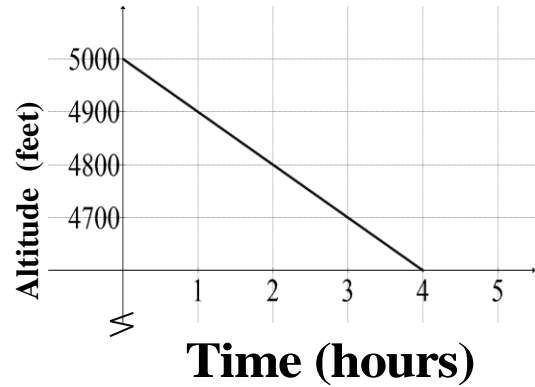
- Rate of change:
- Identify the independent variable:
- Identify the dependent variable:
- A car can...

2. How far you run while hopped up on 5-Hour Energy.



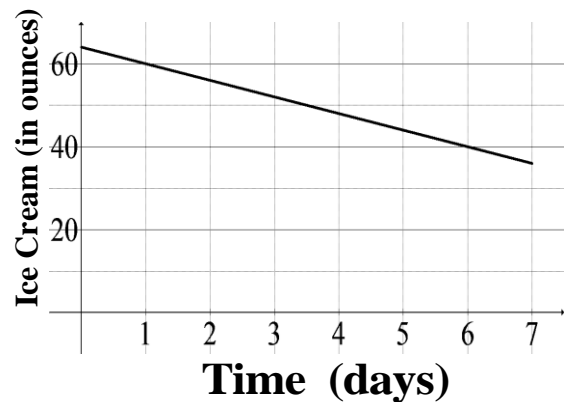
- Rate of change:
- Identify the independent variable:
- Identify the dependent variable:
-

3. Your altitude as you descend a mountain.



- Rate of change:
- Identify the independent variable:
- Identify the dependent variable:
-

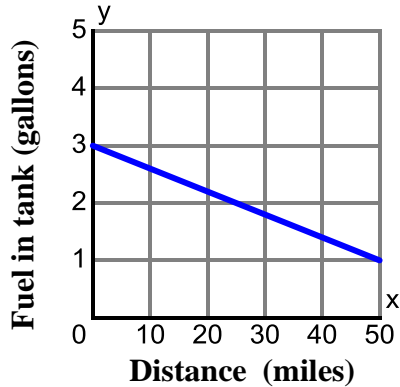
4. The amount of ice cream at your house over the course of a week.



- Rate of change:
- Identify the independent variable:
- Identify the dependent variable:
-

Find the rate of change for each situation. Tell a possible story for each graph. Answers must include units.

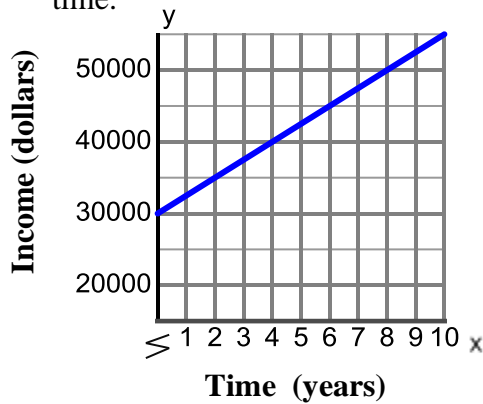
5. The amount of fuel remaining while traveling.



Rate of change:

Story:

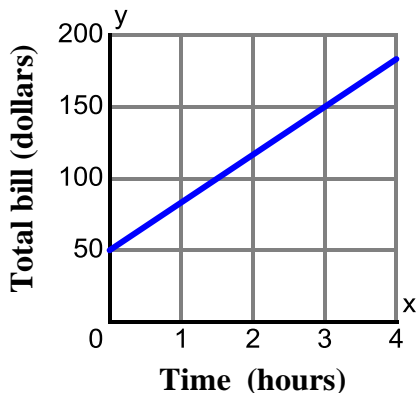
6. The income for a certain profession over time.



Rate of change:

Story:

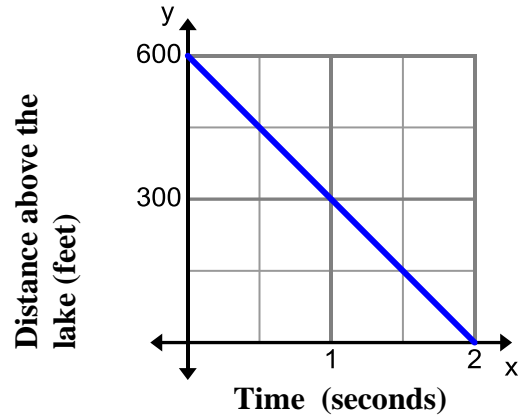
7. The amount you owe a plumber.



Rate of change:

Story:

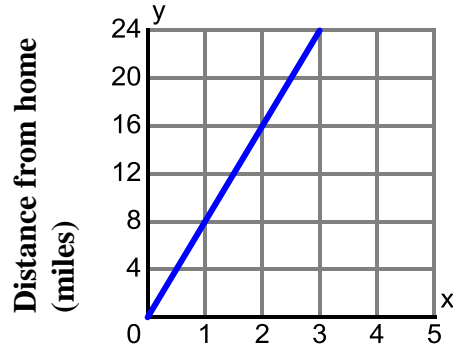
8. A Peregrine falcon diving for a fish.



Rate of change:

Story:

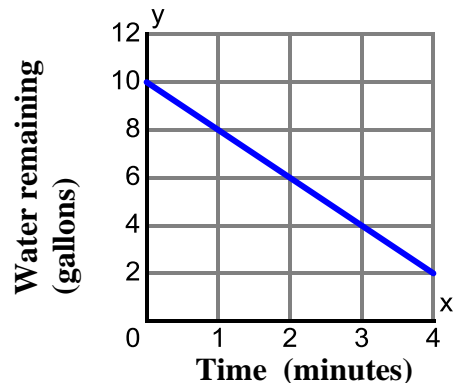
9. Your distance from home as you ride your bike.



Rate of change:

Story:

10. A swimming pool draining.



Rate of change:

Story: