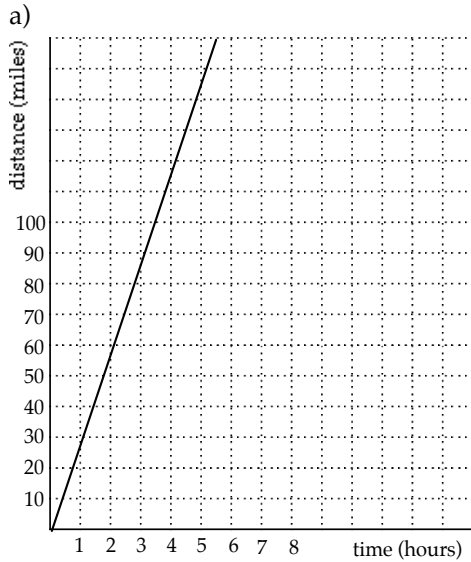


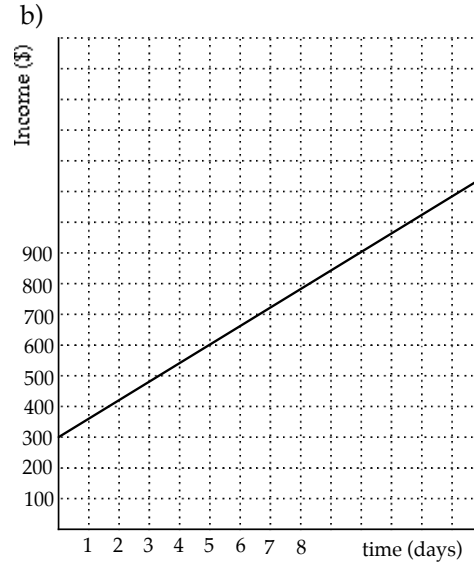
1. What is slope (the definition) ?

2. Find the slope of the line below. Give the units of the slope and give a situation it might describe.



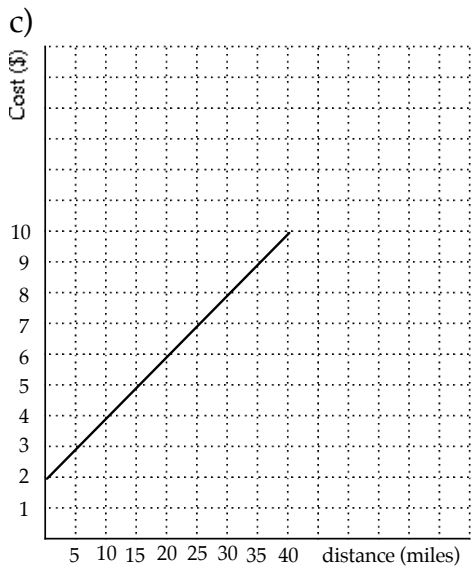
Slope: _____

What does the slope tell you?



Slope: _____

What does the slope tell you?



Slope: _____

What does the slope tell you?

What is the meaning of the point (0, 2)?

3. Captain Dood's airplane flight is plotted below. Try to answer these questions. **Include units!**

- a) What is the highest she flew ? _____
- b) How long did it take her to get there ? _____
- c) What was her rate of climb ? _____
- d) How long did she stay at her highest ? _____
- e) What was her rate of descent when she started coming down (at $t = 7$ min.) ? _____
- f) What was happening between 9 minutes and 12 minutes ?

