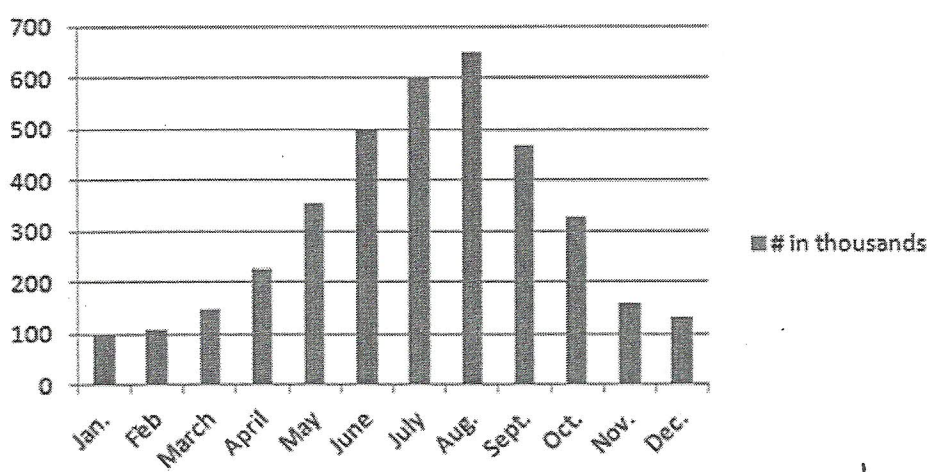


1. The graph below shows the average # of visitors each month from 2000 – 2015.

**Yosemite National Park Visitors**

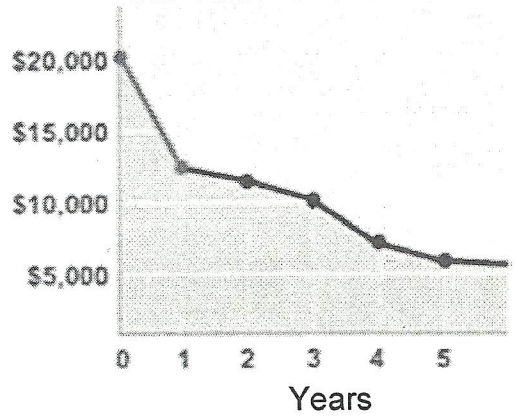


- a) In what month is the number of visitors the lowest? January
- b) About how many visitors are there in June (numbers are in thousands)? 500,000
- c) About how many visitors are there in July? 600,000

d) What is the percent increase in visitors from June to July?  
 $increase = 600,000 - 500,000 = 100,000$   
 $Percent = \frac{A}{B} = \frac{100,000}{500,000} = \frac{1}{5} = .2 = 20\%$

2. Answer the questions based on the graph below:

Car Value Over Time



- a) In which year is the value of the car about \$7000? Year 4
- b) What is the value of a new car? \$ 20,000
- c) What is the value of the car after 3 years? \$ 10,000

d) What is the percent decrease in value from a new car to when it is 3 years old?

$decrease = \$10,000$   
 $Percent\ dec. = \frac{10,000}{20,000} = \frac{1}{2} = .5 = 50\%$

