Calculating Percent of Change:

1)   <u>Difference of the two #'s</u>
           Original number

2) Convert your answer to a percent
      (Hint: Multiply by 100)

3) Determine if your answer was a
      % increase or % decrease

Find the Percent of Change.
Be sure to include if it is an
increase or a decrease.

1,500 to 1,416

$$\frac{1500-1416}{1500} \cdot 100$$

5.6% decrease

Find the Percent of Change.

Be sure to include if it is an
increase or a decrease.

4 to 7.5

$$\frac{7.5-4}{4} \cdot 100$$

87.5% increase

Find the Percent of Change.

Be sure to include if it is an
increase or a decrease.

2 to 3.2

$$\frac{3.2-2}{2} \cdot 100$$

60% increase

Find the Percent of Change.
Be sure to include if it is an increase or a decrease.

A computer that cost $1,099 last year costs $999 this year
round your answer to the nearest tenth of a percent

$$\frac{1099 - 999}{1099} \cdot 100$$

{ 9.1% decrease

The average cost of a gallon of gasoline was $1.29 in 1997 and $1.12 in 1998.
Find the percent of decrease.
round your answer to the nearest tenth of a percent

$$\frac{1.29 - 1.12}{1.29} \cdot 100$$

(13.2% decrease)