Accelerated Math Notes Section 6-4 Percent of Change

A percent of change is a ratio that compares the change in quantity to the original amount.

In 1978 tuition for the year at a local college was \$3,400. Today it is \$34,000 per year. What is the percent increase in yearly tuition?

percent increase amount of increase
$$34000$$

100

original amount -3400
 30600

riginal 3400
 100
 100
 100
 100
 100
 100
 100

In 2000 the enrollment at Westview High was 2400 students. If the enrollment in 2013 is 2150 students, what is the percent decrease in enrollment? (Round to nearest tenth of a percent)

In 1965, when John entered college, the tution was \$7500. In 2013 when his daughter went to the same school, the tuition was \$25,500. Find the percent of change.

percent increase amount of increase 25500 original amount
$$\frac{-1500}{8000}$$

Amt increase $\frac{1}{1965}$ + uition $\frac{1}{100}$ $\frac{1}{7500}$
 $\frac{1}{1965}$ + uition $\frac{1}{100}$ \frac





