

2/17/19

percent change

can find the percent change in numbers,
when they increase or decrease.

How can I find the percent change?

EX \$1.75 \rightarrow \$2.25

① Find the difference between the 2 #s

$$2.25 - 1.75 = \boxed{0.5}$$

② Divide the difference by the original amount

$$\frac{\text{Diff.}}{\text{OG}} = \frac{0.5}{1.75} = 0.286$$

③ Turn decimal \rightarrow percent by $\times 100$

$$\underbrace{.286}_{\rightarrow} \times 100 = 28.6\% \text{ increase}$$

Simple Interest:

home loan: \$150,000

interest: 4.15% \rightarrow 0.0415
 $\times 150,000$