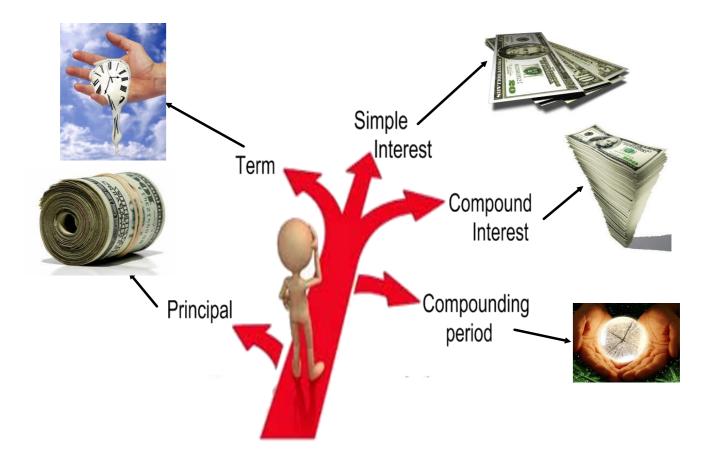
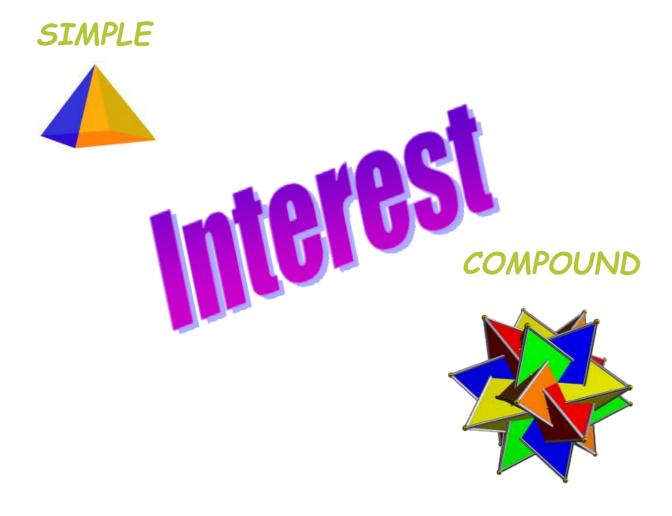
Simple and Compound Interest

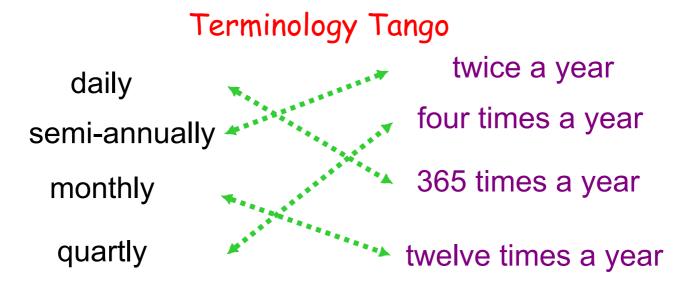






- Interest calculated as a percentage of the principal.

- the interest paid on the principal plus interest



Click on the picture to verify the match.



I = Prt



Gordon wants to invest \$2000.00. His bank offers an investment option that earns simple interest at a rate of 1.75% per year.



Given.

P = 2000,00

r = 0.0175

t= 3

Gordon wants to invest \$2000.00. His bank offers an investment option that earns simple interest at a rate of 1.75% per year for 1.3 years.

$$T = (8000)(0.017)(3)$$

Betty-Ann's bank offers a simple interst rate of 4% per annum. How much interest would Betty-Ann earn on her investment of \$4000 after 8 months.

$$P = $4000$$
 $I = 0.04$
 $t = \frac{8}{10} = \frac{3}{3}$

Use the simple interest formula to determine answer this question.

The interest earned on a deposit is \$25 with an interest rate is 6% per annum.

If the money was invested for 2 years, what is the principal?



$$r = 0.06$$

$$G = f$$

$$P=3$$

$$I = Prt$$

Homework
Finish #1-7

