

**PLACES**

$1 \ 0 \ 0 . 7 \ 8 \ 9$   
 hundreds   tens   ones   tenth   hundredth   thousandth

Aug 22-1:07 PM

**PERCENTAGES**

$\longleftrightarrow$   
 $\longleftrightarrow$   
**D R . P**  
 Decimal   Percent

Always move 2 places.

EXAMPLES:

$30\% \rightarrow .3$     $.12 \rightarrow 12\%$     $.20 \rightarrow 20\%$

Aug 22-1:07 PM

**SIMPLE INTEREST**

**I = Prt**

I = Interest

P = Principal   r = Rate  
   as a dec.  
 t = Time

Aug 22-1:07 PM

**I = Prt**   EXAMPLES

EXAMPLE #1) \$34,000 AT 4% FOR 3 YEARS.

$P = 34\ 000$   
 $r = 4\% \approx .04$   
 $t = 3$   
 $I = 34000 \cdot .04 \cdot 3$   
 $= \$4,080$

Aug 22-1:07 PM

**I = Prt** EXAMPLES

EXAMPLE #2 IF \$2000 WAS PUT INTO SAVINGS AND EARNED \$200 IN INTEREST AT A RATE OF 5%. HOW LONG WAS IT IN THE BANK?

$I = 2000$

$P = 2000$

$r = 5\% \approx .05$

$t = ?$   $2000 = 2000 \cdot .05 \cdot t$

Aug 22-1:07 PM