

Please solve each of the problems below and show your work in your spiral.

Simple Interest

PRIN. RATE TIME
\$2,000, 20%, 1 year
 $PRIN(RATE)(TIME)$
 $\$2000(0.2)(1)$
 $400(1)$
 $\$400$
INTEREST

\$530, 6%, 1 year
 $530(0.06)(1)$
 $31.8(1)$
 $\$31.80$
INTEREST

\$2,500, 6.9%, 6 months

$2500(0.069)(0.5)$
 $\$172.50(0.5)$
 $\$86.25$

HALF OF A YEAR

$$\frac{6}{12} = \frac{1}{2} = 0.5$$

\$1,200, 3.5%, 2 years
 $1200(0.035)2$
 $\$42(2)$
 $\$84$
INTEREST

Please solve each of the problems below and show your work in your spiral.

Simple Interest

\$750, 7%, 3 years

\$720, 4.25%, 3 months

Percent of a number

What percent of 90 is 36?

Percent of Change

original: 45

new: 30

Find the total cost to the nearest cent

\$69 shoes; 6% tax

\$149 MP3 player; 40% discount