

Section/Lesson Title: Percents

Materials:

WS, MATHMATICALLY PLEASE

HW#

5.1 WS

Reflections:

FINANCE UNIT

- THE TRUE VALUE OF MONEY ☺
- READ THE HISTORY OF INTEREST FROM MATHMATICALLY PLEASE
- MATHMATICALLY → EXP/LOGS ☺

I Percent

"PERCENT" MEANS "PER 100" $93\% = \frac{93}{100}$

WHAT? IS 22 OUT OF 25? $\frac{22}{25} = \frac{88}{100} = 88\%$

27 OUT OF 30? $\frac{27}{30} = .9 = 90\%$

% SIGN MEANS OUT OF 100, SO IF YOU DROP % SIGN,
MOVE DECIMAL BACK 2 PLACES

$86\% = .86$
 ↑ ↑
 USE THIS USE IN FORMULAS
 IN ANSWERS ☺

① FIND % OF A #

SALES TAX IS 8%. WHAT IS THE TAX ON A \$99.49 COST
AND HOW MUCH DO YOU ACTUALLY PAY?

$$8\% \text{ of } 99.49 = .08(99.49) = 7.9592 \\ \approx \$7.96$$

$$\text{TOTAL} = 99.49 + 7.96 = \boxed{\$107.45}$$

(CAN YOU DO THIS IN 1 CALCULATION? YES $1.08(99.49)$)