

Word Processor Practice and Math Review

- I. Using a WORD PROCESSOR, answer any THREE (3) of the four questions below.
1. Describe five number sets found in the Real Numbers. See page 2 of your booklet. Give an example of a use of each.
 2. Some of the properties of the Real Numbers are found on page 3 of your booklet. Which two (or perhaps four) of these properties allow you to "cancel"? Give an example of cancellation using each property.
 3. Your CB radio will pick up a signal from three miles away. You are at a mile marker 61 when you hear a radio call for help from a stranded motorist. Use absolute value notation in a sentence to describe the point x where the motorist may be found. See page 4. Begin your sentence as follows: "The stranded motorist may be found ..."
 4. Some teachers, including the authors of many college algebra texts, teach a procedure called the "FOIL" method. Find or make up a problem *involving real life things* that uses the "FOIL" method in its solution. Show your solution to the problem. (You may wish to look at a college algebra text in the library. College algebra texts can be found in the "QA" section of the library.)

II. Calculator Practice:

1. Evaluate these expressions, letting $x = 2$, $y = 3$ & $z = 5$.

(a)
$$\frac{(x + y)z}{4}$$

(b) $x^y + y^x$

(c)
$$\frac{x^4 + y^2}{z}$$

(d) $-3(x-2y^z)$

2. If a loan balance of \$1000 gets interest added at 35 cents/day, what is the annual interest rate for the loan? Begin your sentence as follows: "If interest of 35 cents/day is added to a loan balance of \$1000, the annual interest rate for the loan is ..."