Beginning Algebra ~ Lesson 1

Work the following examples as you listen to the recorded lecture.

Symbols and Sets of Numbers

Real Numbers

Irrational **Numbers**

$$\sqrt{3}$$
 , $\sqrt{2}$, π

Rational Numbers

$$(\frac{1}{2}.-3, 0.15)$$

Integers

(... -3, -2, -1, 0, 1, 2, 3

Whole Numbers

(0, 1, 2, 3 ...)

Natural Numbers

(1, 2, 3 ...)

Insert <, >, or = to make the statement true:

Example 1:
$$-2$$
 2

Example 2:
$$\frac{18}{3}$$
 $\frac{24}{3}$

Example 4:
$$|-5|$$
 - 4

Example 5:
$$3 - 5$$

Example 6:
$$|0| |-8|$$

Translate:

Example 4: Five is greater than or equal to 4

Example 5: Negative ten is not equal to 7.