Reading Quiz 3

1. True or False: We use the roman numeric system. (If false, what numeric system do we use?)

False, we use the Indo-Arabic system.

2. What does it mean when we say a number system is "positional"?

It means that the position of the digit has meaning.

3. What is another meaningful name for the symbol 10 besides "ten"?

Decimal.

4. Convert the base8 number 224 to base10 and base2. Show your work.

5. What is a "bit"? (two words)

Binary Digit.

- 6. True or False: Any information that can be reduced to a choice among two or more possibilities can be expressed using bits.

 True
- 7. How many different codes can be stored in 7 bits? Show your work.

8.	How many bits do you need to store 4000 different codes? Show
	your work.

Log4000=12