NAME: _____

NUMBER: _____

QUIZ over Section 2 in the 'CAT' book; 20 points.

(1) (2 pts) Clearly shade the *nonnegative* real numbers on a number line. Be sure to clearly indicate whether 0 is included or not included.
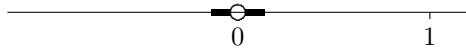
(2) (2 pts) Draw a number line, and shade all real numbers that are less than two units from zero. Be sure to clearly label any endpoint(s) with solid or hollow dots (whichever is appropriate).

(3) (2 pts) Draw a number line, and shade all real numbers that are more than two units from zero. Be sure to clearly label any endpoint(s) with solid or hollow dots (whichever is appropriate).

(4) (2 pts) Give an example of an integer that is not a whole number.

(5) (2 pts) On a number line, label points a and b for which the sentence ' $a = b$ ' is true.

(6) FILL IN THE BLANKS/RINGS in the table below. (2 pts each)

NEW IN THIS SECTION	MEANING
positive	to the right of zero on a number line
size of a number	The *size* of a number refers to the number's _____ on a number line.
small	
	numbers that are the same distance from zero, but on opposite sides of zero
the integers	the collection: