NAME: _____

NUMBER: _____

QUIZ over Section 1 in the 'CAT' book; 20 points.

(4 pts) The number 'seven' has lots of different names. Give names satisfying the following properties (1 pt each):

the 'standard' name _____

a name using a minus sign _____

a name using a plus sign _____

a name using a multiplication sign _____

(8 pts) Classify the entries in the list below as: an EXPRESSION (EXP) or a SENTENCE (SEN) (1 pt each):

$3 - 1$ _____

$3 - 1 = 2$ _____

$x - x$ _____

$x - x = 0$ _____

$x - x = 1$ _____

$x - x - 1$ _____

Now, go back and classify any SENTENCE as (always) true; (always) false; sometimes true/sometimes false.

(8 pts) FILL IN THE MISSING BLANKS in the Section Summary chart below (1 pt each):

NEW IN THIS SECTION	MEANING
expression	The mathematical analogue of an English _____; a correct arrangement of mathematical symbols used to represent a mathematical _____. An expression does NOT state a complete thought; it does not make sense to ask if an expression is true or false. Most common expression types: _____, _____, functions.
sentence	The mathematical analogue of an English sentence; a correct arrangement of mathematical symbols that states a _____. It makes sense to ask if a sentence is _____, _____, _____.