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):

<table>
<thead>
<tr>
<th>NEW IN THIS SECTION</th>
<th>MEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>expression</td>
<td>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.</td>
</tr>
<tr>
<td>sentence</td>
<td>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 __________, __________, __________.</td>
</tr>
</tbody>
</table>