NCTM Illuminations Project (Individual)   **Name** _____

Visit the NCTM website http://illuminations.nctm.org/ .

1.   Click on "Featured Lesson Plan" and record the name of the featured lesson plan.

   _____

2.   Click on "Success Stories" and "read more". Which lesson(s) are featured? List them.

   _____

3.   Click on "Featured Mobile Game" and record its name.

   _____

4.   Click on "Brain Teasers", pick a problem, write the problem, and show work toward the solution to the problem below.

   _____

   _____

   _____

   _____

   _____

5.   Click on "Lessons" and "Algebra", and select one lesson from each grade level band (Pre-K-2 and 3-5). Explore these 2 items, and give a brief description of the activity (details about how the activity works), along with your what mathematics is involved and your evaluation of its effectiveness for instruction. List the two activities below, and include your description/evaluation on pages that follow.

   Pre-K-2: _____   3-5: _____

6.   Click on "Interactives" and "Algebra", and select one lesson from each grade level band (Pre-K-2 and 3-5). Explore these 2 items, and give a brief description of the activity (details about how the activity works), along with your what mathematics is involved and your evaluation of its effectiveness for instruction. List the two activities below, and include your description/evaluation on pages that follow.

   Pre-K-2: _____   3-5: _____

7. Based on your investigation of the Illuminations website so far, comment on your reactions as to how you believe you might use this website in the future. How helpful do you feel the various tools will be to you as an elementary mathematics teacher? Be specific.

Parts 1-4 and 7 can be neatly printed. Parts 5 & 6 of this project should be word processed, with grammar and spell checks. These should be about ½ page for each activity (with no more than 2 pages total for parts 5 & 6) with a brief paragraph with details describing the lesson or interactive and a brief paragraph evaluating the mathematics involved and its effectiveness. Use Times New Roman, Calibri, Cambria, Arial (or another common) 12-point font, single spaced, and 1" margins.

For each item, part of the grade will be linked to the writing quality (15% for grammar, spelling, and variety of sentence structure and 15% for writing style, clarity, flow, and organization).

The majority of the grade will be based on the content and understanding demonstrated (70% for the level of detail in your summaries, evaluations, and reactions).

This project is worth 100 points and is due no later than _____.

Do your best! Rise to the challenge! Live and learn!