

MATH 402 -- Reflective Writing Quiz Sample

1. The Process Standard “Representation” may be the most misunderstood of the standards.
 - a) What is meant by “Representation”?
 - b) Give an example of a conceptual-based activity for representation.

2. The textbook repeatedly mentions “before, during, and after” structure of a lesson.
In the area of assessment, give examples (specifically what and why) from our “Rolling Rectangles” lesson (pouring of the beans activity) of a possible assessment for:
 - a) “during” - what might you do? Why?
 - b) “after” - what might you do? Why?

3. What is the distinction between “conceptual mathematics” and “procedural mathematics” knowledge?
 - a) conceptual is:
 - b) but procedural is:

4. From the textbook’s point of view, should “practice follow understanding” or should “understanding come from practice”? Why?