FRIDAY FREEBIE



The Components of Mathematical Proficiency

The following graphic organizers, or Frayer models, adapted from the National Research Council (2001), synthesize our understanding of the various components of mathematical proficiency.



Note: The solution for "What it isn't" represents one example of student thinking. On its own, it does not necessarily represent a conceptual understanding. Rather, it demonstrates the use of an algorithm. We would have to gather other evidence of student thinking and understanding (e.g., something we noticed or something we heard while engaging in a conversation with the student).

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