

Comparing Levels of Cognitive Demand – Secondary

Example 1

- What does *absolute value* mean?

Example 1 - An example of a Low Level task from the Holt McDougal textbook (Burger et al., 2011). This task is considered Level 1 because it is a recall of facts.

Example 2

Construction A brick company guarantees to fill a contractor's order to within 5% accuracy. A contractor orders 1500 bricks. Write and solve an absolute-value equation to find the maximum and minimum number of bricks guaranteed.

Example 2 - The boxed task in this figure shows an example of a Procedures with Connections task from the CPM textbook (Dietiker and Baldinger, 2008). Students must use the concept of absolute value in a different context. Furthermore, they are asked to write an equation.