

Item 2

Claim 2
7.EE.B.3

SAMPLE	SCORE	RATIONALE
A	1	The student provided the correct height of a single cup, but the response does not include an explanation. The response earns partial credit of 1 point.
B	1	The student calculated the height of a single cup, but the explanation is not mathematically logical. The idea of every cup being 2 cm is not expressed adequately, nor is it correct, even though the response provides evidence of recognition that each cup adds 2 cm to the height of the stack. The response earns partial credit of 1 point.
C	2	The student correctly calculated the height of 1 cup, and provided a mathematically logical explanation as to how he/she calculated the height. The response earns full credit of 2 points.
D	0	The response does not differentiate between parts of the cup, or indicate how they influence the height of the stack or the height of a single cup. The student did not check his/her result with the second stack to see that it would also be the same. The response earns 0 points.
E	2	The student correctly calculated the height of 1 cup and provided a mathematically logical explanation as to how he/she calculated the height. The response earns full credit of 2 points.
F	1	The student correctly estimated the height of a single cup and developed an explanation. However, the response provides minimal evidence of mathematical reasoning, and the explanation does not have a sufficient level of precision. The response earns partial credit of 1 point.
G	1	The student correctly calculated the height of a single cup, and described a process for determining this height, but the explanation provided is not adequately supported with mathematics. The response refers to "the height of one lip of a cup," without an indication of how the value was determined. The response earns partial credit of 1 point.
H	2	The student correctly calculated the height of 1 cup and provided a mathematically logical explanation as to how he/she calculated the height. The extra detail in the response provides clear evidence of reasoning about the situation. The response earns full credit of 2 points.
I	0	The response suggests that the student looked for some numerical pattern between the stacks, but did not make the connection between the height of the cups and the growth pattern. The response earns 0 points.
J	0	The student focused on the first stack and did not identify the parts of the cup to reason about the height of the stack or the height of a single cup. The response earns 0 points.