

Grade 5 Mathematics Sample CR Item Claim 2

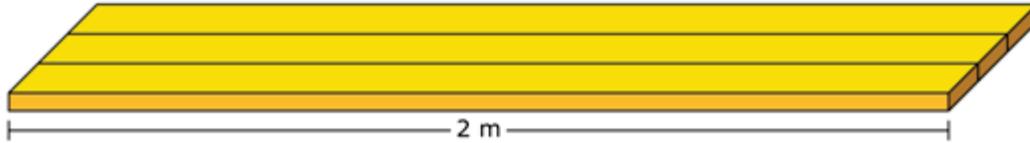
MAT.05.CR.2.000MD.C.555 Claim 2

Sample Item ID:	MAT.05.CR.2.000MD.C.555
Grade:	05
Primary Claim:	<b>Claim 2: Problem Solving</b> Students can solve a range of well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies.
Secondary Claim(s):	Claim 1: Concepts and Procedures Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.
Primary Content Domain:	Measurement and Data
Secondary Content Domain(s):	
Assessment Target(s):	2 C: Interpret results in the context of a situation.  1 G: Convert like measurement units within a given measurement system.
Standard(s):	5.MD.1
Mathematical Practice(s):	1, 2, 5
DOK:	2
Item Type:	CR
Score Points:	1
Difficulty:	M
Key:	120
Stimulus/Source:	
Target-Specific Attributes (e.g., Accessibility Issues):	
Notes:	

Shelbi needs wooden boards to build a platform. Each board is shaped like a rectangular prism and has a length of 2 meters, a height of 40 millimeters, and a width of 100 millimeters, as shown below.



To build the platform, Shelbi will place the boards side by side, as shown in this diagram. The platform will have a total width of 12 meters.



What is the **least** number of boards that Shelbi needs to build the platform?

Boards