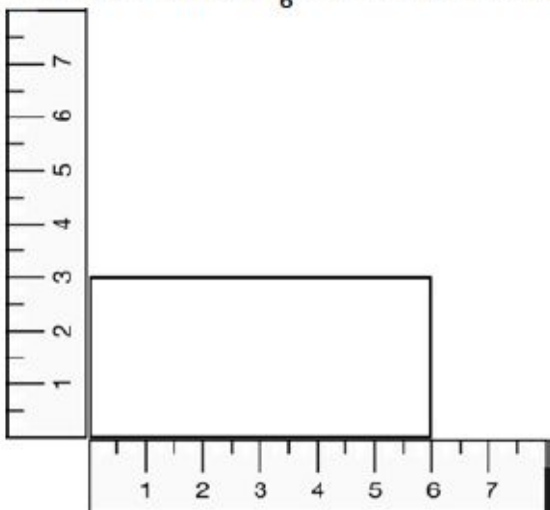


Smarter Balanced Assessment Item Illustrating 3.G.A.2

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Example Stem: This rectangle can be divided into equal parts.
Click to shade $\frac{1}{6}$ of the rectangle.



Answer Key

Student clicks to shade three squares (each 1x1) to show $\frac{1}{6}$ of the whole rectangle

Elaboration on Alignment

The technology used for this item forces students to really conceptualize the meaning of $\frac{1}{6}$ relative to the whole figure and use the given rulers to confirm the correct shading. This is a nice departure from more traditional items that are pre-partitioned into the number of sections equal to the denominator and students click to shade exactly one section of the figure. The visual model used here also has nice connections to the general concept of area established in 3.MD.

Learn More

Learn more with the [MATH Assessment Item Alignment Modules](#) at www.achievethecore.org.