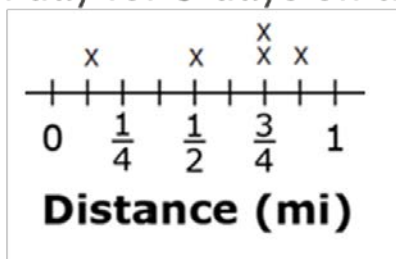


Smarter Balanced Assessment Item Illustrating 5.MD.B.2

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Jonah recorded the distance, in miles, that he ran each day for 5 days on the line plot shown.



Enter the total distance, in miles, that Jonah ran all 5 days.

Answer Key

3, $\frac{24}{8}$, or equivalent

Elaboration on Alignment

This example connects the work of line plots directly to the work of adding fractions with unlike denominators, part of the major work of grade 5. While it may be desirable to assess the standard with a multi-part question where students construct the line plot and use it to solve a problem, only some assessment vendors currently have this capability and this introduces a dependency within the item that would need to be considered as part of the scoring algorithm. Making connections between supporting standards and the major work of the grade in assessment items illustrates the shifts of focus and coherence called for by college-and-career ready standards.

Learn More

Learn more about high-quality assessment items by visiting the [MATH Assessment Item Alignment Modules](#) at www.achievethecore.org.