

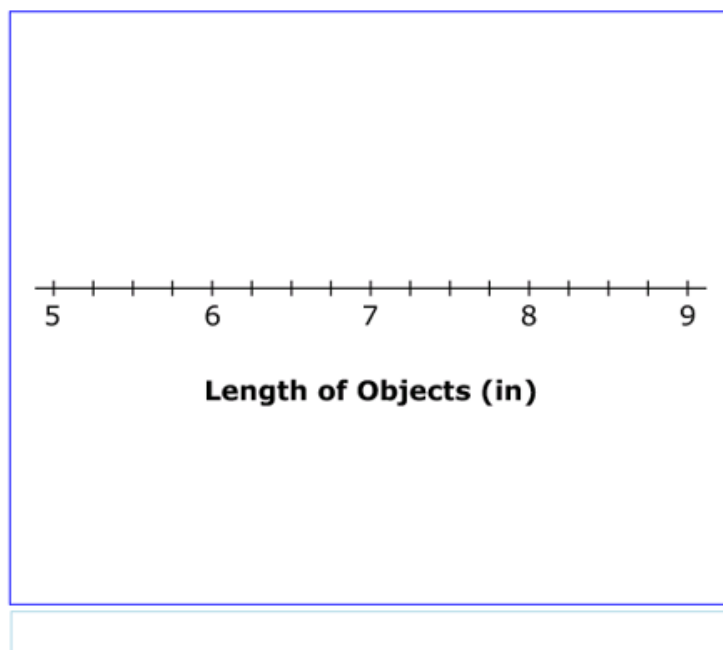
Smarter Balanced Assessment Item Illustrating 3.MD.B.4

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Students pulled classroom objects from a bag and measured them in inches. They used this data to make a line plot.

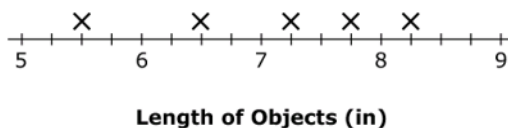
Objects	Length (in)
Pen	$5\frac{1}{2}$
Scissors	$7\frac{3}{4}$
Stapler	$7\frac{1}{4}$
Calculator	$6\frac{1}{2}$
Notepad	$8\frac{1}{4}$

Click above the tick marks to complete the line plot that displays the data.



Answer Key

(Exemplar shown at right)



Elaboration on Alignment

This item requires students to represent a data set on a line plot, where the horizontal scale is marked off in whole numbers. The work that students do in grade 3 with line plots with halves and quarters gives context to the work in fractions and reinforces the major work of the grade (e.g. 3.NF.A.2). Note that 3.MD.B.4 also includes generating measurement data by measuring lengths using rulers marked with halves and fourths of an inch, which students are not required to do in this item.

Learn More

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