Grade 5 Smarter Balanced Assessment Item Specifications Fact Sheet
Claim 1 - Target H: Represent and interpret data.
Content Domain: Measurement and Data
<mark>Claim 1 Supporting Cluster</mark>

Standards Assessed in Target H:

5.MD.2: Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Use operations on fractions for this grade to solve problems involving information presented in line plots. *For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.*

Achievement Level Descriptors

Level 1	Students should be able to make a line plot and represent data sets in whole units.
Level 2	Students should be able to make a line plot and display data sets in fractions of a unit (1/2, 1/4, 1/8).
Level 3	Students should be able to interpret a line plot to display data sets in fractions of a unit (1/2, 1/4, 1/8) and solve problems using information from line plots that require addition, subtraction, and multiplication of fractions.
Level 4	No Descriptor.

Construct-Relevant Vocabulary

data set, interval, line plot, measurement, mixed number, table, unit fraction

Allowable Stimulus Materials

line plots, tables