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| Content Standard  | <p><b>MAFS.6.SP Statistics and Probability</b></p> <p><b>MAFS.6.SP.1 Develop understanding of statistical variability.</b></p> <p><b>MAFS.6.SP.1.1</b> Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. <i>For example, “How old am I?” is not a statistical question, but “How old are the students in my school?” is a statistical question because one anticipates variability in students’ ages.</i></p> |                 |
| Assessment Limits   | N/A  |                 |
| Calculator  | No   |                 |
| Item Types  | Multiple Choice<br>Multiselect   |                 |
| Context   | Required   |                 |
| Sample Item   |  | Item Type       |
| Select all of the statistical questions.  |  | Multiselect     |
| <input type="checkbox"/> How many days are in the year?<br><input type="checkbox"/> How many houses are in your town?<br><input type="checkbox"/> What percent of Long Grove High School students like pizza?<br><input type="checkbox"/> What is the average temperature in January?<br><input type="checkbox"/> When does Matchell Bank open in the morning?                      |  |                 |
| <p>Amir collected data from his sixth-grade class at Liberty Middle School.</p> <p>Which question could Amir ask as a statistical question?</p> <p>Ⓐ What time do classes start at Liberty Middle School?</p> <p>Ⓑ What is your favorite subject?</p> <p>Ⓒ How many students are in sixth grade at the start of this year?</p> <p>Ⓓ How many subjects are there in sixth grade?</p> |  | Multiple Choice |