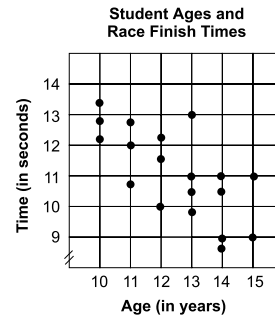


Session 1, Multiple-Choice Questions

Use the scatter plot to answer question 1.

1. In the scatter plot, each dot represents one student who participated in the 50-meter race. Ben is 15 years old. Based on the information in the scatter plot, what was Ben's time in the race?
 - A. 9 seconds
 - B. 10 seconds
 - C. 11 seconds
 - D. It cannot be determined.



*Reporting Category/Substrand for Item 1: **Statistics and Probability/Statistics** (p. 145)*

2. Which of the following is closest to 0.816×0.211 ?
 - A. 0.16
 - B. 16
 - C. 1.6
 - D. 160

*Reporting Category/Substrand for Item 2: **Number Sense/Computation and Estimation** (p. 142)*

3. A chemical solution is 0.5% iodine. How many milliliters of iodine are in 1,000 mL of solution?
 - A. 0.5 mL
 - B. 5 mL
 - C. 50 mL
 - D. 500 mL

*Reporting Category/Substrand for Item 3: **Number Sense/Computation and Estimation** (p. 142)*

Mathematics, Grade 8

Use the balance scales below to answer question 4.

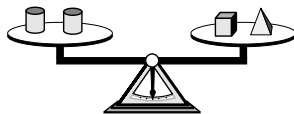


Figure 1



Figure 2

4. How many cylinders must be placed on the empty side of the second scale to make that scale balance?
- A. 5
 - B. 2
 - C. 3
 - D. 4