

Mathematics Toolkit: Grade 6 Objective 5.C.1.a

Standard 5.0 Knowledge of Probability

Topic C. Experimental Probability

Indicator 1. Analyze the results of a probability experiment

Objective a. Make predictions and express the experimental probability as a fraction, a decimal, or a percent

Assessment Limits:

Use no more than 30 results in the sample space

Selected Response (SR) Item

Question

Jenn is practicing her basketball shooting. She took 25 practice shots and her results are listed below.

Made Missed Missed Made Made
Missed Made Made Missed Missed
Missed Made Made Made Made
Made Missed Made Missed Made
Made Made Missed Made Missed

Based on the results, what is the experimental probability she will make the next shot?

- A. 10%
- B. 15%
- C. 40%
- D. 60%

Correct Answer

- D. 60%

Question

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