

Mathematics Toolkit: Grade 8 Objective 5.A.1.b

Standard 5.0 Knowledge of Probability

Topic A. Sample Space

Indicator 1. Identify a sample space

Objective b. Determine the number of outcomes

Assessment Limits:

Use no more than 5 dependent events with no more than 10 outcomes in the first event

Selected Response (SR) Item

Question

At Maryland Middle School, there are 9 mathematics classes. If two mathematics classes are selected for a school competition, what is the number of possible outcomes?

- A. 8
- B. 9
- C. 72
- D. 81

Correct Answer

- C. 72

Question

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