

Mathematics Toolkit: Grade 7 Objective 5.A.1.a

Student Handout: Mathematics: Grade 7 Objective 5.A.1.a

Standard 5.0 Knowledge of Probability

Topic A. Sample Space

Indicator 1. Identify a sample space

Objective a. Determine the number of outcomes

Assessment Limits:

Use no more than 3 independent events with a sample space of no more than 6 outcomes in each event.

Selected Response (SR) Item

Question

Alan tosses a quarter and then rolls a six-sided number cube. What is the total number of outcomes for this event?

- A. 8
- B. 10
- C. 12
- D. 36

Correct Answer

C. 12

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