

Mathematics Toolkit: Grade 6 Objective 5.B.1.b

Student Handout: Mathematics: Grade 6 Objective 5.B.1.b

Standard 5.0 Knowledge of Probability

Topic B. Theoretical Probability

Indicator 1. Determine the probability of one simple event comprised of equally likely outcomes

Objective b. Express the probability of an event as a decimal

Assessment Limits:

Use a sample space of 10, 20, 25, or 50 outcomes

Selected Response (SR) Item

Question

A desk drawer contains 6 black pens, 5 blue pens, 4 red pens, and 5 green pens. Ron picks one pen from the drawer without looking. What is the probability Ron picks a blue pen?

- A. 0.05
- B. 0.10
- C. 0.25
- D. 0.50

Correct Answer

C. 0.25

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