

Mathematics Toolkit: Grade 5 Objective 2.B.2.a

Standard 2.0 Knowledge of Geometry

Topic B. Solid Geometric Figures

Indicator 2. Analyze the relationship between plane geometric figures and faces of solid geometric figures

Objective a. Compare a plane figure to faces of solid geometric figure

Assessment Limits:

Analyze and identify the number or arrangement of rectangles needed to make a rectangular prism, number of triangles/rectangles needed to make a triangular prism, and the number of circles/rectangles needed to make a cylinder.

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Sample Item #1 - Selected Response (SR) Item

Mathematics Grade 5 Objective 2.B.2.a

Sally is going to build a table for her family room. It is in the shape of a triangular prism. What shapes will she need to build the table?

- A. 5 triangles
- B. 2 triangles and 3 rectangles
- C. 2 triangles and 4 rectangles
- D. 6 rectangles

Correct Answer:

B