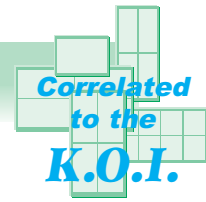


EVALUATION GUIDELINES:



Math Shapes

Grade K



GIFTED BEHAVIORS DEMONSTRATED:

Accelerated Learning—Draws and correctly explains more than the original four shapes; uses more than one attribute to discuss a shape; expands the shape rather than only complete the shape with minimal drawing

Advanced Language—Orally incorporates specific mathematical vocabulary and more description than typical; multiple syllable words are used; writes and elaborates more than expected

Analytical Thinking—Analyzes to correctly complete each partial shape as part of a whole; perceives more than one polygon for at least one of the incomplete shapes, such as drawing both a square and a rectangle

Perspective—Draws and unexpected angle or dimension; demonstrates symmetry

CRITERIA DEMONSTRATED:

Content—Advanced, complex, or demonstrates more in-depth understanding than typical; for example, drawing a) both a square and a rectangle or b) both a triangle and a diamond demonstrate advanced understanding of the attributes

Materials—Not applicable in most instances

Organization—Completes each shape; appropriate to the original polygon prompt

Divergence—Uses or develops the shape in a unique but appropriate manner

Elaboration—Detailed drawings or words especially enrich or clarify the content or concept

Significantly beyond age expectations—The response is advanced, complex, or more abstract than typical. For example, a child explained that the diamond she drew had both the *greater than* and *less than* symbols if you divide it in *half*.

ADDITIONAL GUIDELINES:

- ⇒ A **W** is a response that is correct, yet simple and typical. Minimal lines are added to complete each shape.
- ⇒ Many responses score a **W** because the drawings are not accurate interpretations of the intended geometric shapes.
- ⇒ A **1** response exceeds expectations and is indicated by a drawing, the math terminology explaining a drawing, or both.

COMMENTS:

Analyzing by more than one attribute signals more complex thinking than typical for kindergarten children. Most children only state a phrase that names the shape or one that names the shapes and adds the size, such as: *a big circle*.