

NWEA Assessment Item Illustrating 4.G.A.2

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Domain: Geometry

4.G.A: Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

Calculator Availability: No

Move shapes to the table to sort them.

Appears to Have 1 or More Right Angles	Appears to Have No Right Angles



Alignment: 4.G.A.2: Classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines, or the presence or absence of angles of a specified size. Recognize right triangles as a category, and identify right triangles.

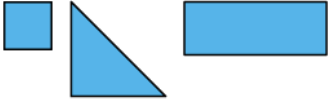
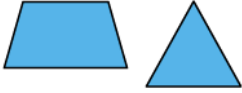
In the grade 4 Measurement and Data domain, students are introduced to angle concepts and angle measurement. This ties into the work they do in the Geometry domain when they classify shapes based on angle properties, particularly with right triangles. In this item, the student must attend to classifying figures based on the presence or absence of angles of a specified size.

Coherence: Students informally learn names of shapes and their attributes in the primary grades. Starting in grade 3, students learned to group shapes according to their attributes.^{3.G.A.1} Students extend this work into grade 4, and they will extend it even further in grade 5, when they will classify shapes into categories and hierarchies.^{5.G.B}

Rigor: This item attends to conceptual understanding. Students use the grade-level concept of right angles to sort the shapes.

Answer Key:

Move shapes to the table to sort them.

Appears to Have 1 or More Right Angles	Appears to Have No Right Angles
	

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