

CCSS Mathematics Assessment Task

Making Sailboats

Grade Level: Kindergarten
<p>Mathematics Domain and Cluster:</p> <p>Domain: Geometry</p> <p>Cluster: Analyze, compare, create, and compose shapes.</p>
<p>Common Core standard(s) being assessed (if the task is intended to assess only one part of the standard, underline that part of the standard):</p> <p>K.G.6: Compose simple shapes to form larger shapes. For example, “can you join these two triangles with full sides touching to make a rectangle?”</p>
<p>Student Materials:</p> <ul style="list-style-type: none"> • Pattern Blocks (all except yellow hexagon, orange square and tan rhombus) • Making Sailboats Workmat
<p>Teacher Materials:</p> <ul style="list-style-type: none"> • None
<p>Directions (for teacher to administer assessment task):</p> <p>Teacher should assess students in small groups or as a whole class.</p> <ul style="list-style-type: none"> • Hand out Making Sailboats Workmat (one per student). Ask question prompts. • Teacher can observe if the student uses slides (translations), flips (reflections), and/or turns (rotations) purposefully. • Teacher could use a camera to document results.
<p>Prompt:</p> <ul style="list-style-type: none"> • Give the student(s) the pattern blocks. Say: Use these pattern blocks to make the sailboats outlined on the Workmat. How many different ways can you fill the same shape?
<p>Possible Student Responses:</p> <ol style="list-style-type: none"> 1. 1 Red Trapezoid, 3 Green Triangles 2. 1 Red Trapezoid, 1 Blue Rhombus, 1 Green Triangle 3. 6 Green Triangles 4. 3 Blue Rhombi 5. 2 Blue Rhombi, 2 Green Triangles 6. 1 Blue Rhombus, 4 Green Triangles

Scoring Guide/Rubric (a score should be awarded for each criterion below)

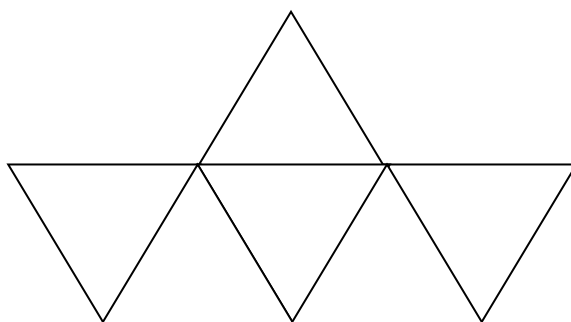
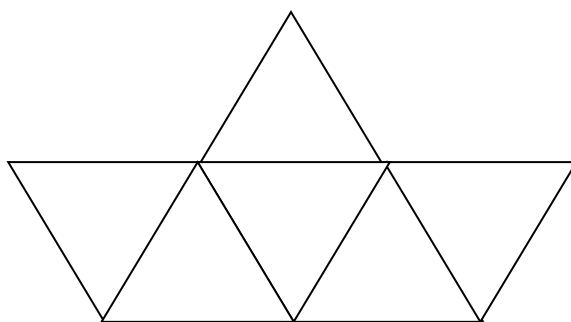
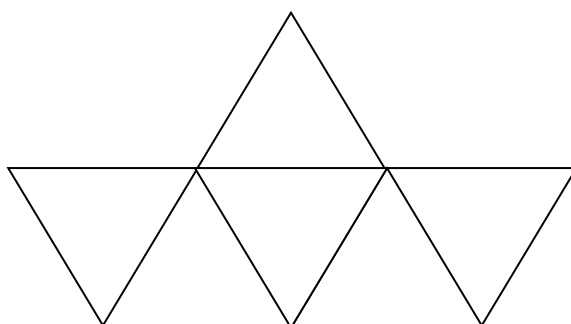
Criteria (CCSS code)	0 points	1 Point	2 Points
Composes simple shapes to form larger shapes. (K.G.6)	Student does not accurately use simple shapes to form larger shape.	Student accurately uses simple shapes to form larger shape in 1-2 different ways.	Student accurately uses simple shapes to form larger shape in 3 different ways.

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Name: _____ Date: _____

Making Sailboats Workmat

Use the pattern blocks to cover the shapes outlined on the Workmat. Be sure to keep all the shapes inside the outline and cover the entire space.



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Scoring Guide/Rubric (a score should be awarded for each criterion below)

Criteria (CCSS code)	0 points	1 Point	2 Points
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