

## Math 2-5: Geometry: Reason with Shapes, Attributes, & Coordinate Plane

### Identification and Classification of 2-D Shapes

Students	Learning Continuum Statements:
Students:	<b>RIT 141-150:</b> <ul style="list-style-type: none"><li>Identifies and names triangles, squares, rectangles, and circles</li></ul>
Students:	<b>RIT 151-160:</b> <ul style="list-style-type: none"><li>Identifies and names the 2-D shape of real world objects</li><li>Identifies and names triangles, squares, rectangles, and circles</li><li>Identifies the number of sides or corners of 2-D shapes, given pictures</li><li>Knows definitions of a triangle, a square, a rectangle, and a circle</li></ul>
Students:	<b>RIT 161-170:</b> <ul style="list-style-type: none"><li>Classifies shapes as open or closed, given pictures</li><li>Identifies and names triangles, squares, rectangles, and circles</li><li>Identifies the number of sides or corners of 2-D shapes, given pictures</li><li>Knows definitions of a triangle, a square, a rectangle, and a circle</li></ul>
Students:	<b>RIT 171-180:</b> <ul style="list-style-type: none"><li>Composes or decomposes 2-D shapes to form new shapes</li><li>Identifies and names triangles, squares, rectangles, and circles</li><li>Identifies the number of sides or corners of 2-D shapes, given pictures</li><li>Knows definitions of a triangle, a square, a rectangle, and a circle</li><li>Sorts shapes based on shared attributes</li></ul>
Students:	<b>RIT 181-190:</b> <ul style="list-style-type: none"><li>Classifies shapes as flat/2-D, given pictures</li><li>Composes or decomposes 2-D shapes to form new shapes</li><li>Identifies the number of sides or corners of 2-D shapes, given pictures</li><li>Knows definitions of a triangle, a square, a rectangle, and a circle</li></ul>
Students:	<b>RIT 191-200:</b> <ul style="list-style-type: none"><li>Composes or decomposes 2-D shapes to form new shapes</li><li>Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc.</li></ul>
Students:	<b>RIT 201-210:</b> <ul style="list-style-type: none"><li>Classifies 2-D shapes by properties, given pictures</li><li>Composes or decomposes 2-D shapes to form new shapes</li><li>Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc.</li><li>Identifies and names special triangles, such as acute, right, scalene, etc., given pictures</li><li>Identifies properties of a 2-D shape, such as right angles, parallel sides, etc., given pictures</li><li>Knows definitions of nonbasic shapes, such as trapezoids, hexagons, etc.</li><li>Knows definitions of special triangles, such as acute, right, scalene, etc.</li><li>Understands the relationships among categories of shapes</li></ul>
Students:	<b>RIT 211-220:</b> <ul style="list-style-type: none"><li>Classifies 2-D shapes by properties, given pictures</li><li>Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc.</li><li>Identifies and names special triangles, such as acute, right, scalene, etc., given pictures</li><li>Identifies properties of a 2-D shape, such as right angles, parallel sides, etc., given pictures</li><li>Knows definitions of special triangles, such as acute, right, scalene, etc.</li><li>Knows properties of special triangles, such as acute, right, scalene, etc.</li><li>Understands the relationships among categories of shapes</li></ul>

**Students:****RIT 221-230:**

- Identifies and names nonbasic shapes, such as trapezoids, hexagons, etc.
  - Identifies and names special triangles, such as acute, right, scalene, etc., given pictures
  - Identifies properties of a 2-D shape, such as right angles, parallel sides, etc., given pictures
  - Knows definitions of special triangles, such as acute, right, scalene, etc.
  - Knows properties of special triangles, such as acute, right, scalene, etc.
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**Students:****RIT 231-240:**

- Identifies and names special triangles, such as acute, right, scalene, etc., given pictures
  - Knows definitions of special triangles, such as acute, right, scalene, etc.
  - Knows properties of special triangles, such as acute, right, scalene, etc.
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