Whole Numbers: Concepts and Properties

Students	Learning Continuum Statements:
Students:	**RIT 151-160:** • Identifies and names cubes, cones, cylinders, and spheres
Students:	**RIT 161-170:** • Identifies and names cubes, cones, cylinders, and spheres • Identifies and names the 3-D shape of real-world objects
Students:	**RIT 171-180:** • Identifies and names cubes, cones, cylinders, and spheres • Identifies and names the 3-D shape of real-world objects • Identifies and names rectangular prisms • Identifies the number of faces, edges, or vertices for a 3-D object, given pictures
Students:	**RIT 181-190:** • Identifies and names cubes, cones, cylinders, and spheres • Identifies and names the 3-D shape of real-world objects • Identifies and names rectangular prisms • Identifies the number of faces, edges, or vertices for a 3-D object, given pictures
Students:	**RIT 191-200:** • Describes cones, cylinders, and spheres based on the shape of surfaces and/or number of bases or vertices, without pictures given • Describes polyhedrons based on the shapes of faces, and/or number of faces, edges, or vertices, given pictures • Identifies and names cubes, cones, cylinders, and spheres • Identifies and names the 3-D shape of real-world objects • Identifies faces, bases, edges, or vertices of 3-D shapes • Identifies the number of faces, edges, or vertices for a 3-D object, given pictures
Students:	**RIT 201-210:** • Describes cones, cylinders, and spheres based on the shape of surfaces and/or number of bases or vertices, without pictures given • Identifies faces, bases, edges, or vertices of 3-D shapes

Students:	**RIT 211-220:**
	- Describes polyhedrons based on the shapes of faces, and/or number of faces, edges, or vertices, without pictures given - Identifies faces, bases, edges, or vertices of 3-D shapes

Students:	**RIT 221-230:**
	- Describes polyhedrons based on the shapes of faces, and/or number of faces, edges, or vertices, without pictures given - Identifies faces, bases, edges, or vertices of 3-D shapes

Students:	**RIT 231-240:**
	- Describes polyhedrons based on the shapes of faces, and/or number of faces, edges, or vertices, without pictures given - Solves problems involving the relationships between the number of faces, edges, and vertices for a given 3-D figure

Students:	**RIT 241-250:**
	- Describes polyhedrons based on the shapes of faces, and/or number of faces, edges, or vertices, without pictures given - Identifies and names polyhedrons - Solves problems involving the relationships between the number of faces, edges, and vertices for a given 3-D figure

Students:	**RIT 251-260:**
	- Compares 3-D figures based on the shapes of faces and/or number of faces, edges, or vertices - Recognizes a precise definition of a sphere - Solves problems involving the relationships between the number of faces, edges, and vertices for a given 3-D figure

Students:	**RIT 261-270:**
	- Solves problems involving the relationships between the number of faces, edges, and vertices for a given 3-D figure