

Math DesCartes: Concepts and Principles of Geometry

Skills: Similarity, Congruence, and Scale

Students:	DesCartes Skills: <small>(Highlight the skills related to your chosen standard/concept)</small>
	RIT 251-260: <ul style="list-style-type: none"> • Solves problems involving similar polygons (not triangles) • Verifies congruency of triangles using ASA, SAS, SSS, or AAS • Solves problems involving properties of similar triangles (e.g., using geometric mean, Triangle Proportionality Theorem)
	RIT 241-250: <ul style="list-style-type: none"> • Identifies properties of similar figures
	RIT 231-240: <ul style="list-style-type: none"> • Uses similarity to solve problems using scale drawings • Identifies properties of congruent triangles • Uses similar triangles to construct ratios and solve for a missing side • Solves problems involving properties of congruent triangles
	RIT 221-230: <ul style="list-style-type: none"> • Uses similarity to solve problems using scale drawings • Uses similar figures to construct ratios and solve for a missing side • Uses similar triangles to construct ratios and solve for a missing side
	RIT 211-220: <ul style="list-style-type: none"> • Identifies congruent polygons and their corresponding sides and angles • Recognizes similar figures in the real world • Defines "similarity" • Uses similar figures to construct ratios and solve for a missing side • Identifies similar and congruent triangles
	RIT 201-210: <ul style="list-style-type: none"> • <i>No Skills Listed</i>
	RIT 191-200: <ul style="list-style-type: none"> • Identifies figures that are the same size and shape (analysis) • Identifies congruent figures
	RIT 181-190: <ul style="list-style-type: none"> • Identifies congruent figures • Identifies figures that are similar • Identifies congruent lines
	RIT 171-180: <ul style="list-style-type: none"> • Identifies figures that are similar
	RIT 161-170: <ul style="list-style-type: none"> • Identifies figures that are the same size and shape
	RIT Below 161: <ul style="list-style-type: none"> • Identifies figures that are the same size and shape

Lesson Title:

Standard/Concept for All:

For Students Ready for a Challenge:

Lesson/Activity:

Resources:

Means of Assessment:

For Most Students:

Lesson/Activity:

Resources:

Means of Assessment:

For Students Needing Extra Support:

Lesson/Activity:

Resources:

Means of Assessment:

Closure/Summary for All:

