

Math DesCartes: Concepts and Principles of Geometry

Skills: Perimeter and Area

Students:	DesCartes Skills: (Highlight the skills related to your chosen standard/concept)
	RIT 261-270: <ul style="list-style-type: none"> Solves real-world problems involving surface area Determines surface area of a 3-D construction, given the 2-D representation
	RIT 251-260: <ul style="list-style-type: none"> Determines the surface area of a pyramid Solves real-world problems involving surface area
	RIT 241-250: <ul style="list-style-type: none"> Determines the surface area of rectangular solids Determines the surface area of a cylinder
	RIT 231-240: <ul style="list-style-type: none"> Identifies the formula for perimeter with a variable Determines area, length, or width, given the formula with variables Determines the area of a triangle, given the formula Determines the area of a parallelogram or trapezoid, with the formula Uses the formula for trapezoid or parallelogram to determine area, height, or one of the sides Identifies the formula for area of circle Identifies the formula for circumference of a circle
	RIT 221-230: <ul style="list-style-type: none"> Finds the perimeter using the formula with a variable Uses models to develop the relationship between the total number of square units contained in a rectangle and the length and width of the figure Determines the area of a parallelogram or trapezoid, with the formula Uses the formula for trapezoid or parallelogram to determine area, height, or one of the sides
	RIT 211-220: <ul style="list-style-type: none"> Determines the perimeter of a figure using nonstandard units Determines the process for calculating perimeter Finds the perimeter of a polygon using a formula Determines the area of shapes with partial square units Counts squares to determine surface area Estimates and finds volume of a figure using cubic units
	RIT 201-210: <ul style="list-style-type: none"> Determines the perimeter of a figure where some sides are labeled Determines the area of shapes with partial square units Estimates area of shapes using square units Estimates and finds volume of a figure using cubic units
	RIT 191-200: <ul style="list-style-type: none"> Determines the perimeter of a figure where all sides are labeled Determines the perimeter of a figure where some sides are labeled Estimates the area of shapes using square units
	RIT 181-190: <ul style="list-style-type: none"> Determines the perimeter of a figure where all sides are labeled Determines the area of a figure by counting square units
	RIT 171-180: <ul style="list-style-type: none"> Determines the area of a figure by counting square units

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:

