

Math DesCartes: Numbers and Operations

Skills: Number Sense - Number Theory Concepts

Students:	DesCartes Skills: (Highlight the skills related to your chosen standard/concept)
	RIT Above 270: <ul style="list-style-type: none"> Identifies the least common multiple of numbers in their prime factored state
	RIT 251-260: <ul style="list-style-type: none"> Uses factor and multiple concepts to solve difficult problems Uses prime and relatively prime concepts to solve problems Solves problems using multiple number theory concepts (e.g., prime, GCF and LCM, multiples, factors)
	RIT 241-250: <ul style="list-style-type: none"> Determines the prime factorization of a number using powers Uses factor and multiple concepts to solve difficult problems Identifies the least common multiple of whole numbers Identifies the greatest common factor and least common multiple of multiple whole #s
	RIT 231-240: <ul style="list-style-type: none"> Determines prime factorization of a number Applies rules of divisibility by 3's Applies rules of divisibility
	RIT 221-230: <ul style="list-style-type: none"> Recognizes characteristics of odd and even numbers Determines factors of whole numbers Completes a factor tree for a number (prime factorization) Uses multiple number theory concepts to solve problems (e.g., factors, digits, odd/even, divisibility) Determines common denominators of fractions Uses factor and multiple concepts to solve simple problems Identifies common factors of two or more numbers Identifies the greatest common factor of whole numbers Uses divisibility concepts to solve problems
	RIT 211-220: <ul style="list-style-type: none"> Recognizes characteristics of odd and even numbers Determines factors of whole numbers Completes a factor tree for a number (prime factorization) Determines multiples of a whole number Determines common multiples of whole numbers Identifies numbers as prime Identifies common factors of two or more numbers Identifies the greatest common factor of whole numbers Applies rules of divisibility by 5's
	RIT 201-210: <ul style="list-style-type: none"> Determines multiples of a whole number Determines common multiples of whole numbers Applies rules of divisibility by 5's Applies rules of divisibility by 2's
	RIT 191-200: <ul style="list-style-type: none"> Distinguishes between odd/even numbers Identifies numbers as composite
	RIT 181-190: <ul style="list-style-type: none"> Determines whether a set of objects has an odd or even number of elements Distinguishes between odd/even numbers

Lesson Title:

Standard/Concept for All:

Introduction: (Get Attention; Connect to Prior Knowledge)

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: