

Math DesCartes: Estimation and Accurate Computations

Skills: Properties

Students:	DesCartes Skills: (Highlight the skills related to your chosen standard/concept)
	RIT 251-260: <ul style="list-style-type: none"> • Uses the additive inverse property with rational numbers • Identifies the commutative property of multiplication
	RIT 241-250: <ul style="list-style-type: none"> • Uses the multiplicative inverse property with rational numbers • Identifies the associative property of addition
	RIT 231-240: <ul style="list-style-type: none"> • Uses the distributive property • Identifies the distributive property
	RIT 221-230: <ul style="list-style-type: none"> • Demonstrates an understanding of the commutative property of multiplication with complex problems (e.g., parenthesis, 3 factors) • Demonstrates an understanding of multiple properties • Uses the distributive property
	RIT 211-220: <ul style="list-style-type: none"> • Demonstrates an understanding of the inverse relationship between addition and subtraction • Demonstrates an understanding of the associative property of multiplication • Demonstrates an understanding of the commutative property of multiplication with simple problems • Demonstrates an understanding of the distributive property of multiplication by decomposing a term • Recognizes multiplication and division fact families • Uses the commutative property of addition with rational numbers • Demonstrates an understanding that division by 0 is undefined
	RIT 201-210: <ul style="list-style-type: none"> • Demonstrates an understanding of the associative property of addition • Demonstrates an understanding of the commutative property of addition • Demonstrates an understanding of the zero property of addition (identity) • Demonstrates an understanding of symmetric property applied to basic addition and subtraction facts (e.g., $10 = 2 + 8$ is the same as $2 + 8 = 10$ or $7 = 10 - 3$ is the same as $10 - 3 = 7$)* • Demonstrates an understanding of the commutative property of multiplication with simple problems • Demonstrates an understanding of symmetric property applied to multiplication (e.g., $8 \times 4 = 32$ is the same as $32 = 8 \times 4$) • Recognizes multiplication and division fact families • Uses the commutative property of addition with rational numbers
	RIT 191-200: <ul style="list-style-type: none"> • Demonstrates an understanding of the commutative property of multiplication with simple problems • Demonstrates an understanding of the zero property of multiplication • Demonstrates an understanding of the multiplicative property of 1 (identity)
	RIT 181-190: <ul style="list-style-type: none"> • Recognizes fact families through 18 • Demonstrates an understanding of the zero property of multiplication • Demonstrates an understanding of the inverse relationship between multiplication and division

RIT 171-180: <ul style="list-style-type: none"> • Recognizes fact families through 18 • Demonstrates an understanding that vertical and horizontal representations are equivalent

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:
