

Math DesCartes: Estimation and Accurate Computations

Skills: Estimation

Students:	DesCartes Skills: (Highlight the skills related to your chosen standard/concept)
	RIT 231-250: <ul style="list-style-type: none"> • Uses estimation to solve problems involving decimals or proportional reasoning (dec only) • Determines the most accurate answer (fractions only)
	RIT 221-230: <ul style="list-style-type: none"> • Uses estimation to solve problems involving fractions and mixed numbers • Uses rounding to estimate answers to real-world problems involving multiplication and division of numbers less than 100 (whole numbers only) • Uses rounding to estimate answers to real-world problems involving numbers less than 1000 with multiplication and division • Uses rounding to estimate answers to real-world problems involving numbers 1000 or greater using multiplication and division (whole numbers only) • Uses rounding to estimate answers to real-world problems involving fractions and mixed numbers
	RIT 211-220: <ul style="list-style-type: none"> • Uses referent numbers to estimate answers when adding and subtracting fractions and mixed numbers • Uses rounding to estimate answers to difficult multiplication and division problems (whole numbers only) • Uses rounding to estimate answers to 1-step problems involving answers \$20 or greater (using decimals) • Uses rounding to estimate answers to 2-step problems involving money (using dec) • Uses rounding to estimate answers to real-world problems involving multiplication and division of numbers less than 100 (whole numbers only) • Uses rounding to estimate answers to real-world problems involving numbers less than 1000 with multiplication and division • Uses rounding to estimate answers to real-world problems involving numbers 1000 or greater using multiplication and division (whole numbers only)
	RIT 201-210: <ul style="list-style-type: none"> • Uses front end digits to estimate answers in addition and subtraction problems and uses front end estimation for multiplication and division (whole numbers only) • Uses rounding to estimate answers to addition and subtraction problems and uses rounding to estimate answers to simple multiplication and division problems (whole numbers only) • Uses rounding to estimate answers to 1-step problems involving answers \$20 or greater (using decimals) • Uses rounding to estimate answers to 2-step problems involving money (using dec.) • Uses rounding to estimate answers to 2-step problems involving money (whole numbers only) • Uses rounding to estimate answers to real-world problems involving numbers 1000 or greater with addition and subtraction (whole numbers only)
	RIT 191-200: <ul style="list-style-type: none"> • Uses front end digits to estimate answers in addition and subtraction problems (whole numbers only) • Uses rounding to estimate answers to addition and subtraction problems (whole numbers only) • Uses rounding to estimate answers to 1-step problems involving answers less than

	\$20 (decimals only, e.g., \$1.20 + \$2.75) <ul style="list-style-type: none"> • Uses rounding to estimate answers to 1-step problems involving answers less than \$1 (whole numbers only, e.g., 10cents+10cents) • Uses rounding to estimate answers to real-world problems involving numbers less than 1000 with addition and subtraction (whole numbers only)
	RIT 181-190: <ul style="list-style-type: none"> • Uses rounding to estimate answers to real-world problems involving addition of numbers less than 100 (whole numbers only)

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:
