

Math DesCartes: Number Sense

Skills: Roots, Exponents, and Logarithms

Students:	DesCartes Skills: <small>(Highlight the skills related to your chosen standard/concept)</small>
	RIT 251-260: <ul style="list-style-type: none"> • Uses fractional and negative exponents as optional ways of representing problem situations (e.g., $27^{2/3} = (27^{1/3})^2 = 9$)
	RIT 241-250: <ul style="list-style-type: none"> • <i>No Skills Listed</i>
	RIT 231-240: <ul style="list-style-type: none"> • Uses powers of 10 to represent numbers (e.g., $8 \times 10^3 = 8000$) • Uses correct terminology for powers • Compares numbers written exponentially • Applies rules for multiplying and dividing powers
	RIT 221-230: <ul style="list-style-type: none"> • Writes a power as a product of multiplied numbers and vice versa (e.g., $2^4 = 2 \times 2 \times 2 \times 2$) • Uses powers to represent 10, 100, 1000, 10,000, and 100,000 • Uses powers of 10 to represent numbers (e.g., $8 \times 10^3 = 8000$) • Compares numbers written exponentially
	RIT 211-220: <ul style="list-style-type: none"> • Writes a power as a product of multiplied numbers and vice versa (e.g., $2^4 = 2 \times 2 \times 2 \times 2$) • Uses powers to represent 10, 100, 1000, 10,000, and 100,000
	RIT 201-210: <ul style="list-style-type: none"> • Models square numbers

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: