

# Math 6+: Computation and Problem Solving

## Exponents, Radicals, and Scientific Notation

### Exponents

#### Students

#### Learning Continuum Statements:

##### Students:

##### RIT 221-230:

- Evaluates the square root of a perfect square

##### Students:

##### RIT 231-240:

- Evaluates the square root of a perfect square

##### Students:

##### RIT 241-250:

- Evaluates the square root of a perfect square
- Uses properties of radicals to simplify radical expressions

##### Students:

##### RIT 251-260:

- Evaluates the square root of a perfect square
- Simplifies numerical expressions involving sums and differences of radicals
- Uses properties of radicals to simplify radical expressions

##### Students:

##### RIT 261-270:

- Multiplies binomial radical expressions
- Simplifies numerical expressions involving sums and differences of radicals
- Uses properties of radicals to simplify radical expressions

##### Students:

##### RIT 271-280:

- Multiplies binomial radical expressions
- Simplifies numerical expressions containing radicals and rational exponents
- Simplifies numerical expressions involving sums and differences of radicals
- Uses properties of radicals to simplify radical expressions