

Properties of Rational Exponents and Radicals

Objective	Students will be able to use properties of rational exponents and radicals to simplify expressions.
"I Can" Statement	I can use properties of rational exponents and radicals to simplify expressions.
Common Core Standards	HSN-RN.A.2: Rewrite expressions involving radicals and rational exponents.
Supplies	Bell Ringer, Exploration/Connection Activity, Rational Exponents and Radical Functions Note Sheet, Task Cards, Exit Slip, Homework
Opening Activity	Bell Ringer: properties of exponents + two spiral review problems
Input	<ol style="list-style-type: none">1. Exploration/Connection Activity: Students recall properties of exponents and research/complete a chart of the properties of rational exponents and radicals2. I Do/We Do: PowerPoint guided lesson applying the properties3. You Do: Properties of Rational Exponents and Radicals Task Cards3. Additional Resources and/or Homework
Closure/Assessment	Exit Slip: Properties of Rational Exponents and Radicals
Homework	Properties of Rational Exponents and Radicals worksheet with Spiral + Test Prep Questions
Additional Resources	See Resources section of MathClassroomResources.com for repetitive skill practice worksheet suggestions