Name:

Date:

School:

Facilitator:

5.01 Rational Exponents and Radicals (32 Points)

**Rewrite each of the following using rational exponents. Simplify all fractions if necessary. Show your work in the space provided.**

**Rewrite each of the following fractions using radical notation. Use a calculator, if needed, to simplify the number under the radical. Show your work in the space provided.**

**Simplify each of the following by applying the Product of a Power Rule. Show your work in the space provided.**

**Simplify each of the following by rewriting with radical notation and simplifying. Show your work in the space provided.**