

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

# Rational Exponents and Radicals Exit Quiz

Evaluate the following expressions.

1.  $\sqrt[8]{x^4}$

2.  $\sqrt[4]{16x^{20}}$

3.  $\sqrt[5]{-32x^5}$

4.  $\sqrt[4]{16x^5}$

5.  $\sqrt[3]{\frac{3}{8x^{24}}}$