

Name \_\_\_\_\_

Date \_\_\_\_\_

**Properties of Exponents and Roots - Independent Practice Worksheet**

**Calculate the end values of the following roots, leaving any decimals to three significant figures:**

1.  ${}^2\sqrt{7}$

2.  ${}^3\sqrt{8}$

3.  ${}^6\sqrt{10}$

4.  $(6^{1/5})^5$

5.  $(4^{1/6})^6$

6.  $(2^{1/7})^7$

7.  $9^{1/5}$

8.  $3^{1/2}$

9.  $5^{1/3}$

10.  $(8^{3/2})^{2/9}$

