

Name Key
Mrs. Roubos

Date _____
8R Period _____

Homework #4

Simplify the following:

1) $10^2 = \boxed{100}$

2) $4^3 = \boxed{64}$

3) $3^3 = \boxed{27}$

4) $8^2 = \boxed{64}$

5) $\sqrt{36} = \boxed{6}$

6) $\pm\sqrt{144} = \boxed{\pm 12}$

7) $\sqrt[3]{8} = \boxed{2}$

8) $\sqrt[3]{216} = \boxed{6}$

9) $-\sqrt{\frac{81}{100}} = \frac{-\sqrt{81}}{\sqrt{100}} = \boxed{\frac{-9}{10}}$

10) $\sqrt[3]{\frac{27}{64}} = \frac{\sqrt[3]{27}}{\sqrt[3]{64}} = \boxed{\frac{3}{4}}$