

# General Algebra II Worksheet #4 Unit 7 page 1 \_\_\_\_\_

Express each of the following in simplest form.

1.  $\sqrt{40} =$

2.  $\sqrt[3]{40} =$

3.  $\sqrt{-250} =$

4.  $\sqrt[3]{-250} =$

5.  $\sqrt{\frac{3}{4}} =$

6.  $\sqrt[3]{\frac{3}{4}} =$

7.  $\sqrt{\frac{-5}{8}} =$

8.  $\sqrt[3]{\frac{-5}{8}} =$

9.  $\sqrt{4.5} =$

10.  $\sqrt[3]{4.5} =$

11.  $\sqrt{-5.4} =$

12.  $\sqrt[3]{-5.4} =$

## General Algebra II Worksheet #4 Unit 7 page 2

Perform the indicated operations. Express each of the following in simplest form.

13.  $\sqrt{18} + \sqrt{50} =$  \_\_\_\_\_

14.  $\sqrt[3]{81} - \sqrt[3]{24} =$  \_\_\_\_\_

15.  $\sqrt{\frac{3}{4}} - \sqrt{\frac{1}{3}} =$

16.  $\sqrt[3]{\frac{2}{25}} + \sqrt[3]{\frac{5}{32}} =$