

Precalculus Algebra Review Worksheet #7 Radicals _____

Express each of the following in simplest form.

1. $\sqrt{48} + \sqrt{75} =$ _____

2. $\sqrt{80} - \sqrt{45} =$ _____

3. $\sqrt[3]{54} + \sqrt[3]{16} =$ _____

4. $\sqrt[3]{375} - \sqrt[3]{24} =$ _____

5. $\sqrt{\frac{3}{4}} + \sqrt{\frac{1}{3}} =$

6. $\sqrt{\frac{2}{5}} - \sqrt{\frac{9}{10}} =$

7. $\sqrt[3]{\frac{2}{9}} + \sqrt[3]{\frac{3}{4}} =$

8. $\sqrt[3]{\frac{4}{5}} - \sqrt[3]{\frac{1}{10}} =$

Express each of the following radicals in simplest form.

9. $\sqrt{.5} =$

10. $\sqrt[3]{.5} =$

11. $\sqrt{.75} =$

12. $\sqrt[3]{.75} =$

13. $\sqrt{3.2} =$

14. $\sqrt[3]{3.2} =$