

Lesson 4.2: Mixed and Entire Radicals

Complete the *Practice* below. When you have completed all the questions for *Lesson 4.2 Practice – II* with your best work, mark your work by first comparing your answers to the solutions provided in the *Appendix*. Then, apply the rubric found at the beginning of the *Workbook*.



Practice – II

1. Without the use of a calculator, evaluate $\sqrt{250\,000}$.

2. Evaluate the following.

a. $-\sqrt[3]{27}$

b. $\sqrt[3]{\frac{125}{512}}$

3. Simplify.

a. $\sqrt{72}$

b. $\sqrt[3]{24}$

4. Express each of the mixed radicals as an entire radical.

a. $5\sqrt{2}$

b. $2^3\sqrt{9}$

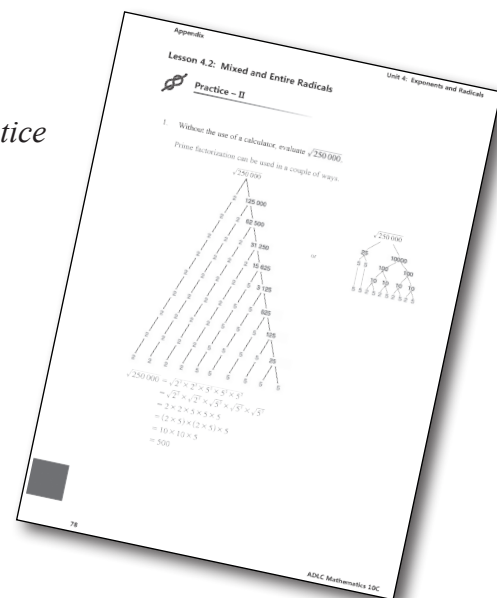
Mark your work for *Lesson 4.2 Practice – II* using the solutions provided in the *Appendix*. Then, apply the rubric found at the beginning of the *Workbook*.

Transfer your self-assessed mark to the front cover of the *Workbook*.

My self-assessed mark on *Lesson 4.2 Practice – II* is _____.

Reflect on your understanding of the concepts addressed in the *Practice* exercises in the table provided.

Question Number	Got it!	Almost there...	Need to retry or ask for help.
1			
2			
3			
4			



You may proceed to *Explore Your Understanding Assignment* on the next page of this *Workbook*.

Note: Before you complete *Explore Your Understanding*, you may review your skills and get more practice by completing the following problems in *Mathematics 10*.

- Page 158, #1, 3a, 3b, 3c, 3d, 3e, 4a, 4b, 4c, 4d, 4e, 5, 6, and 7
- Page 192, #4, 5a, 5b, 5c, 6a, 6b, 6c, 7a, 7b, and 7c

Check your work in *Enhance Your Understanding*.

