## **Lesson 2.2: Volume of 3-D Objects**

Complete the *Practice* below. When you have completed all the questions for *Lesson 2.2 Practice – III* 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 - III

1. A right rectangular pyramid has base dimensions 10 ft by 4 ft, and a height of 15 ft. Determine its volume, to the nearest cubic foot.

2. A right rectangular prism with base dimensions 5.8 m by 3.1 m has a volume of 187 m<sup>3</sup>. Determine the height of the prism, to the nearest tenth of a metre.

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A cylindrical drum has a circum volume of the drum, to the near	ference of 47 inches and a height of 18 inches.	What is the
volume of the drum, to the hear	est tenth of a cubic men:	
Explain why volume is measure	ed in cubic units	
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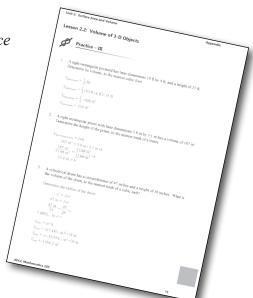
14 **ADLC Mathematics 10C**  Mark your work for *Lesson 2.2 Practice – III* using the solutions provided in the *Appendix*. Then, apply the rubric found at the beginning of the *Workbook*.

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

My self-assessed mark on Lesson 3.2 Practice – III 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			
5			

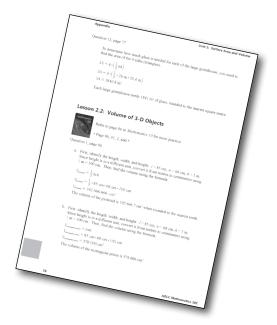


You may proceed to Explore Your Understanding Assignment on the next page of this Workbook.

**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 86, #1, 2, and 5

Check your work in Enhance Your Understanding.



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