

## Practice Assessment

*Practice* provides practice and allows you to self-reflect on your conceptual understanding of the *Lesson* skills. You will mark your work for *Practice* in each *Workbook* according to the following rubric.

Category	Strategy and Procedures	Response to Questions
	<i>I have...</i>	<i>I have...</i>
4	<ul style="list-style-type: none"> <li>used efficient and effective strategies to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provided detailed explanations and followed directions appropriately to complete all questions</li> </ul>
3	<ul style="list-style-type: none"> <li>used effective strategies to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provided clear explanations and followed directions adequately to complete most questions</li> </ul>
2	<ul style="list-style-type: none"> <li>used effective strategies inconsistently to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provided incomplete explanations and followed some directions to complete a few questions</li> </ul>
1	<ul style="list-style-type: none"> <li>used ineffective strategies to solve the problem(s)</li> </ul>	<ul style="list-style-type: none"> <li>provided incomplete explanations and have not followed directions to complete some questions</li> </ul>

Complete *Practice* exercises using your best work, showing all relevant steps needed to arrive at your solution. Refer to the *Module* to review lesson instructions. Contact your teacher for assistance or clarification as needed, or to investigate the topic further.

Check and correct your work using the solutions provided in *Appendix 2: Solutions* in the *Module*.

*Practice* is worth 8 marks; your mark can help you gauge your understanding of *Lesson* material.

After you have assessed your work, reflect on your understanding of the concepts addressed in the *Practice* exercises in the table provided.

**Lesson 6.1: Absolute Value and Absolute Value Functions**

Complete the *Practice* below. When you have completed all the questions for *Lesson 6.1*

*Practice – I* with your best work, mark your work by first comparing your answers to the solutions provided in *Appendix 2: Solutions*. Then, apply the rubric found at the beginning of the *Workbook*.

**Practice – I**

1. Explain how  $|a|$  can be used to represent the distance from  $a$  to zero on a number line.

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2. Evaluate each of the following

a.  $|17|$

b.  $3|22 - 54| + 12$

c.  $4|1 - 7| - 3|8 - 6|$

d.  $|-6 + 12| + |3 - (-7)| - |8 - 15^2| + |-6|$

3. The inequality  $|a - b| < c < a + b$  is called the triangle inequality, where  $a$ ,  $b$ , and  $c$  are the side lengths of a triangle. Explain the restrictions on a triangle represented by the triangle inequality.

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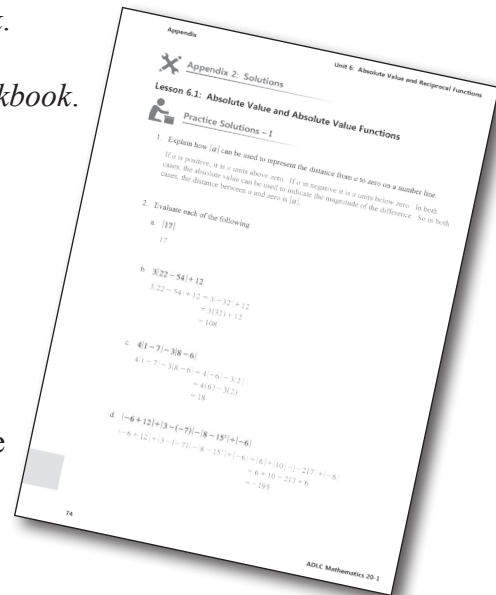
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Mark your work for *Lesson 6.1 Practice – I* using the solutions provided in *Appendix 2: Solutions*. Then, apply the rubric found at the beginning of the *Workbook*.

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

My self-assessed mark on *Lesson 6.1 Practice – I* 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.	Similar questions from <i>Pre-Calculus 11</i>
1				p.363 #7ace
2				p.363 #6ace
3				p.364 #9

Please return to *Lesson 6.1* to continue your work in *Unit 6: Absolute Value and Reciprocal Functions*.