**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.



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 by the answer key.

*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.

NAME:

Self-assessed mark: /8

**Lesson 1.2: Arithmetic Series**

Complete the *Practice* below. When you have completed all the questions for *Lesson 1.2 Practice – III* with your best work, mark your work by first comparing your answers to the solutions provided by the answer key. Then, apply the rubric found at the beginning of the *Practice*.



1. Determine the sum of each arithmetic series.
	1. 7 + 9 + 11 + … + 167

	Answer:
	2. 16.2 + 16.5 + 16.8 + … + 

	Answer:
2. Determine the value of  for the arithmetic series with  and .

Answer:

1. The sum of the first eight terms of an arithmetic series is 216 and the sum of the first nine terms is 270.
	1. What is the value of ?

	Answer:
	2. Determine the first term, **, of the arithmetic series.

	Answer:

Mark your work for *Lesson 1.2 Practice – III* using the solutions provided in the *Unit* *Resources* Folder at the bottom of the online *Table of Contents* for this *Unit*. Then, apply the rubric found at the beginning of the *Practice*.

Transfer your self-assessed mark to the beginning of the *Practice*.

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 *Pre-Calculus 11* |
| 1 |  |  |  | p.27 #1ad, 3bd, 7a, 21 |
| 2 |  |  |  | p.27 #2bd, 4bc |
| 3 |  |  |  | p.27 #5b |

Please return to *Lesson 1.2* to continue your work in *Unit 1: Sequences and Series*.