Module 1 Module Assessment Scoring Guide

You may find it useful to score Topic Quizzes and Module Assessments. When these assessments are administered digitally, most items are machine scorable. If you give the assessments in a paper and pencil format, score them by hand.

Every assessment has a scoring guide that shows the alignment between each item and an Achievement Descriptor and a proficiency indicator. The scoring guide tells how many points are possible for each item or part of an item. It also tells whether the scoring for an item is dichotomous (i.e., all or nothing) or polytomous (i.e., each embedded correct response earns partial credit).

The scoring guide uses a scale factor to weight items differently. The scale factor is determined by the item's target level of proficiency. Items that target high proficiency carry less weight because it is likely that the least number of students will answer them correctly. Items that target partial proficiency carry more weight because it is likely that the greatest number of students will answer them correctly. When a single item aligns to multiple proficiency indicators, the scale factor of the highest proficiency indicator is used.

Target Proficiency Indicator	Scale Factor
Highly Proficient (HP)	1
Proficient (P)	2
Partially Proficient (PP)	3

Scale factors allow for a student's proficiency level to determine their grade, rather than a student's grade determining their proficiency level. In a system in which a grade determines proficiency level, a raw percentage computation might convert a score of 5 points out of 10 into 50%. That 50% would result in a failing grade even though the student may be partially proficient. Raw percentage computations can also allow one very poor performance, such as 20% on one quiz, to result in a failing grade for the marking period. That grade for the marking period may not accurately communicate the student's proficiency. Using scale factors to weight items makes it possible for students to recover from a single poor performance and builds scores to show partial proficiency more clearly.

Module 1 Module Assessment

This assessment has nine items. No partial credit is given unless otherwise indicated in the notes.

Item Number	Achievement Descriptor	Proficiency Indicator	Raw Points	×	Scale Factor	=	Possible Points	Scoring Type	Notes
1	7.Mod1.AD4	PP	1	×	3	=	3	Dichotomous	The correct response is worth 3 points.
2	7.Mod1.AD1	P	1	×	2	=	2	Dichotomous	The correct response is worth 2 points.
3	7.Mod1.AD2	P	1	×	2	=	2	Polytomous	Each correct response is worth $\frac{1}{3}$ point.
4 Part A	7.Mod1.AD6	P	1	×	2	=	2	Dichotomous	The correct response is worth 2 points.
4 Part B	7.Mod1.AD6	P	1	×	2	=	2	Dichotomous	Both correct responses must be identified to earn 2 points.
5 Part A	7.Mod1.AD6	PP	1	×	3	=	3	Polytomous	Each correct response is worth $\frac{3}{5}$ points.
5 Part B	7.Mod1.AD4	P	1	×	2	=	2	Dichotomous	The correct response is worth 2 points.
5 Part C	7.Mod1.AD4	P	1	×	2	=	2	Dichotomous	The correct response is worth 2 points.
5 Part D	7.Mod1.AD6	PP	2	×	3	=	6	Polytomous	Use the scoring notes in the answer key to determine how many points a student earns. After the scale factor is applied, a student can earn 0, 3, or 6 points.
6 Part A	7.Mod1.AD8	P	1	×	2	=	2	Dichotomous	Use the scoring notes in the answer key to determine how many points a student earns. After the scale factor is applied, a student can earn 0 or 2 points.
6 Part B	7.Mod1.AD8	P	1	×	2	=	2	Dichotomous	The correct response is worth 2 points.
7	7.Mod1.AD7	PP	1	×	3	=	3	Dichotomous	The correct response is worth 3 points.
8 Part A	7.Mod1.AD5	P	1	×	2	=	2	Dichotomous	Use the scoring notes in the answer key to determine how many points a student earns. After the scale factor is applied, a student can earn 0 or 2 points.
8 Part B	7.Mod1.AD4	P	1	×	2	=	2	Dichotomous	The correct response is worth 2 points.

Item Number	Achievement Descriptor	Proficiency Indicator	Raw Points	×	Scale Factor	=	Possible Points	Scoring Type	Notes
8 Part C	7.Mod1.AD6	PP	1	×	3	=	3	Dichotomous	The correct response is worth 3 points.
8 Part D	7.Mod1.AD6	PP	1	×	3	=	3	Dichotomous	Use the scoring notes in the answer key to determine how many points a student earns. After the scale factor is applied, a student can earn 0 or 3 points.
9	7.Mod1.AD7	P	1	×	2	=	2	Polytomous	Each correct side of the scaled figure is worth $\frac{1}{3}$ point.

If you administer this assessment on paper, you can see each student's adjusted score by keying the student's responses into the digital platform. To do so, navigate to the Assign section of the digital platform. View the target assessment and select Score. Select Complete on Paper to access the digital version of the assessment. Key in the student's response for each item. The student's adjusted score appears in the Analyze section.

To score the assessment and compute a student's raw score by hand, use this scoring guide and the answer key. The table shows how scale factors based on an item's target level of proficiency are applied to each item, as well as how to use that information to determine each item's possible points. Weighting items differently allows you to use a student's level of proficiency to determine their grade.

Score the assessment by using the notes in the table to determine how many of the possible points to award for each item. After scoring all items, divide the total number of points earned by the total number of possible points (i.e., 43 total possible points for this Module Assessment) to determine a percentage grade.