

Quantitative Literacy Rubric

Interpretation

Ability to analyze and explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words)

1

BEGINNING

Attempts to explain information presented in mathematical forms, but draws incorrect conclusions about what the information means.

2

DEVELOPING

Provides somewhat accurate explanations of information presented in mathematical forms, but occasionally makes minor errors related to computations or units.

3

ACCOMPLISHED

Provides accurate explanations of information presented in mathematical forms.

4

EXEMPLARY

Provides accurate explanations of information presented in mathematical forms. Makes appropriate inferences based on that information.

Representation

Ability to convert relevant information into various mathematical forms (e.g., equations, graphs, diagrams, tables, words)

1

BEGINNING

Completes conversion of information but resulting mathematical portrayal is inappropriate or inaccurate.

2

DEVELOPING

Completes conversion of information but resulting mathematical portrayal is only partially appropriate or accurate.

3

ACCOMPLISHED

Competently converts relevant information into an appropriate mathematical portrayal.

4

EXEMPLARY

Skillfully converts relevant information into an insightful mathematical portrayal contributing to a deeper understanding of the material.