

Math Problem Solving Rubric

Each Section (question) was graded on a 4 point rubric

4: Complete understanding of the question.

A plan that could lead to a correct solution with no arithmetic errors.

Correct solutions and correct labels used

3: Misinterprets a minor part of the problem.

Substantially correct procedure with minor omission or procedural error.

A correct solution is given with no solution strategy or explanation shown.

A correct solution and appropriate strategy is shown or explained, but not labeled correctly when necessary.

2: Misinterprets major part of the problem

Partially correct procedure but with major fault

Some parts of an appropriate strategy are shown or explained, but some key elements are missing.

Some parts of an appropriate strategy are shown or explained along with some inappropriate parts.

Appropriate strategy shown or explained, but implemented incorrectly

1: Completely misinterprets the problem.

Totally inappropriate plan.

Some work or explanation beyond re-copying data but work would not lead to a correct solution.

One or more incorrect approaches attempted or explained

0: No attempt, no work or solution shown or explained.

Incorrect solutions and no work shown or explained.

Some data from the problem copied over, but no evidence of any strategy is shown or explained.

