

Checklist to Assess Problem-Solving Skills in Mathematics

Student Name: _____

Date or Time Period of Assessment: _____

Check (I) applicable criteria.

Student is able to decode the words in story problems/performance tasks/activities.

Student is able to understand the situation or circumstances described in the story problems/performance tasks/activities.

Student is able to choose the correct mathematical operation (addition, subtraction, multiplication, division).

Student is able to distinguish between relevant and irrelevant information that is presented in the story problems/tasks/activities.

The student is able to correctly write down the necessary computations.

The student demonstrates a facility with number facts.

The student is able to correctly choose the correct computational algorithm for use in the problem/task/activity.

This instrument may be adapted for use as a rating scale.