

Open – Ended Assessment Items: Scoring Rubric

Dear Parents,

Have your child to use another sheet to answer the question(s). Your child should return the signed worksheet to the teacher to receive credit. Your child's understanding of mathematics will be scored on how well your child:

- Explain and organize the work.
- Use tables, charts, graphs or diagrams in the explanation, if possible.
- Show the solutions in more than one way, if possible.

Scoring Rubric

0 – Response indicates no appropriate mathematical reasoning.

1. Response indicates some appropriate mathematical reasoning, but fails to address the item's main mathematical ideas.
2. Response indicates substantial and appropriate mathematical reasoning, but is lacking in some minor way(s)
3. Response is correct and the underlying reasoning process is appropriate and clearly communicated.

Question #14

Geometry & Spatial Sense

Mary wants to make a trapezoid using some of the sticks by joining them at their ends. Which stick and how many of them could she use? Explain your reasoning in two different ways.

Sticks:

Gray -----

Black -----

Gray -----

Black -----

White -----

White -----

White -----

White -----