

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 #5 Geometry/Measurement

A wire is bent into the shape of a rectangle with a width of 7 and a length of 12.

- A) The wire is then bent into a different shaped rectangle which is not a square. Sketch such rectangle and find the values for its length and width. Show and explain how you found these numbers.
- B) The wire is then bent into a square. Sketch the square and determine the length of one of its sides. Show and explain how you found this number.
- C) The wire is then bent into a circle. Sketch the circle and determine the length of its diameter. Show and explain how you found this number.