

# 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 #9 Statistics/Probability

A box contains the following letters.

### GOLDEN STATE OF CALIFORNIA

What is the probability that if you reach into the box you will select the letter I? Explain your reasoning.

Choose a letter other than I and write it down on your answer sheet. What is the probability of selecting your letter? Explain your answer.

Pretend you selected your letter on the first try and did not put it back in the box. What is the probability of drawing your letter again? Explain your reasoning.

