

Grade 5 Unit 4

Question 1 is an open-response question.

- BE SURE TO ANSWER AND LABEL ALL PARTS OF THE QUESTION.
- Show all your work (diagrams, pictures, tables or computations) in your Student Answer Booklet.
- If you did work in your head, explain it in writing.

Katie will take a total of 5 mathematics tests. She has taken 4 mathematics tests so far. The scores on her first 4 tests are shown in the table below.

Katie's Mathematics Test Scores

Test	Score
1	94
2	98
3	86
4	92
5	?

- a. What is the median of Katie's first 4 mathematics test scores? Show or explain how you got your answer.
- b. What is the mean of Katie's first 4 mathematics test scores? Show or explain how you got your answer.
- c. What score must Katie get on her 5th test in order to have a mean score of 90 on all 5 of her mathematics tests? Show or explain how you got your answer.