

Grade 5 Unit 11

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.

Yuri loved running. He decided to set a goal for himself of running at least 50 meters a day. After he ran 600 meters total, he ran more, adding 10 meters each day to his previous day's amount.

- A. If Yuri ran 50 meters each day, how many days would it take him to run 600 meters total? Show or explain how you got your answer.
- B. How many meters Yuri run the day after he ran 600 meters total? Show or explain how you got your answer.
- C. Using the grid in your answer booklet, make a point graph to show Yuri's progress for the first dozen days.