Questions 28 and 29 are short-answer questions. Write your answers to these questions in the boxes provided in your Student Answer Booklet. Do not write your answers in this test booklet. You may do your figuring in the test booklet.

29 In 27 years, Julia will be 43 years old. How old is Julia now?

Question 30 is a short-answer question. Write your answer to this question in the box provided in your Student Answer Booklet. Do not write your answer in this test booklet. You may do your figuring in the test booklet.

30 Write a rule that describes the relationship between the input (x) and the output (y) in the input-output table below.

Input (x)	2	5	10	11
Output (y)	5	11	21	23

Question 31 is an open-response question.

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

Write your answer to question 31 in the space provided in your Student Answer Booklet.

31 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.

Mark your answers to multiple-choice questions 32 through 39 in the spaces provided in your Student Answer Booklet. Do not write your answers in this test booklet. You may do your figuring in the test booklet.

32 What is the value of the expression below when $\triangle = 6$?

$$2 + \frac{\triangle}{3}$$

A. 4

B. 5

C. 11

D. 20