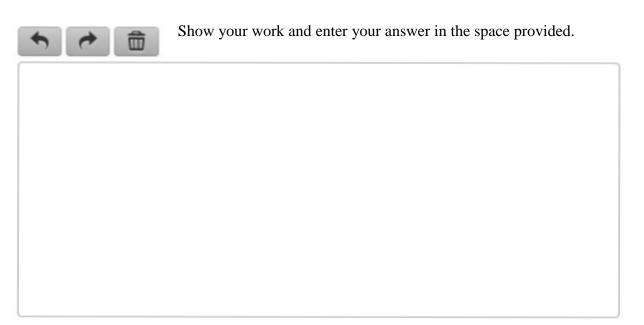Name: _____   Date: _____

PART A

String A is 42 cm. String B is 18 cm. How much longer is String A than String B?

Enter your answer in the space provided.

PART B

String C is 37 cm long. String D is twice as long as String C. String E is 16 cm shorter than String D. How long is string E? Show your work or explain your answer.

Show your work and enter your answer in the space provided.

ANSWER KEY

Rubric Part A	
Score	**Description**
1	Student response includes the following components: • Computation component = 1 point o Correct answer, 24 cm.
0	Student response is incorrect or irrelevant.
Rubric Part B	
Score	**Description**

2	Student response includes the following components:
	
	• Computation component = 1 point
	    o Correct answer, 58 cm.
	• Reasoning component = 1 point
	    o Student shows correct work or clearly explains how correct answer was found.
	
	Sample Student Response:
	"String E is 58 cm long. If String C is 37 cm long, then String D is 74 cm long because 37 x 2 = 74 (or 37 + 37 = 74). String E is 16 cm shorter than String D so 74 – 16 = 58."
	
	Note: other valid responses are valid.

1	Student response contains 1 of the components listed above.
0	Student response is incorrect or irrelevant.
Glow	**Grow**