A-10c

Rainbow Yarn Task

Warren claims that he can find the total number of inches of string by first adding 1 + 2 + 3 + 3.

c. Explain why Warren can find the total number of inches of string by first adding 1 + 2 + 3 + 3.

all you got to do is add or multiplication

1
+2 3
-3
it=9 or you can do it this way 2 3 3 = 9

Anchor 10 Litho 00272200101

Total Content Points: 1 (2.NBT.B.7)

Total Practice Points: 0

In Part A, the student gives two answers, one correct (100) and one incorrect (1,100), for the total inches of yarn, indicating an insufficient understanding of the use of addition within 1000 (no credit for 2.OA.A.1). Although the student correctly constructs the problem, the inclusion of an incorrect solution to an identical problem indicates imprecision in the student's work (no credit for MP6). In Part B, the student identifies the total inches of yarn (900) (2.NBT.B.7). In Part C, the student's explanation does not indicate an understanding that the total of the digits in the hundreds place is representative of the total number of inches in hundreds ("all you got to do is add or multiplication") (no credit for MP3).

Total Awarded Points: 1 out of 4

A-11a

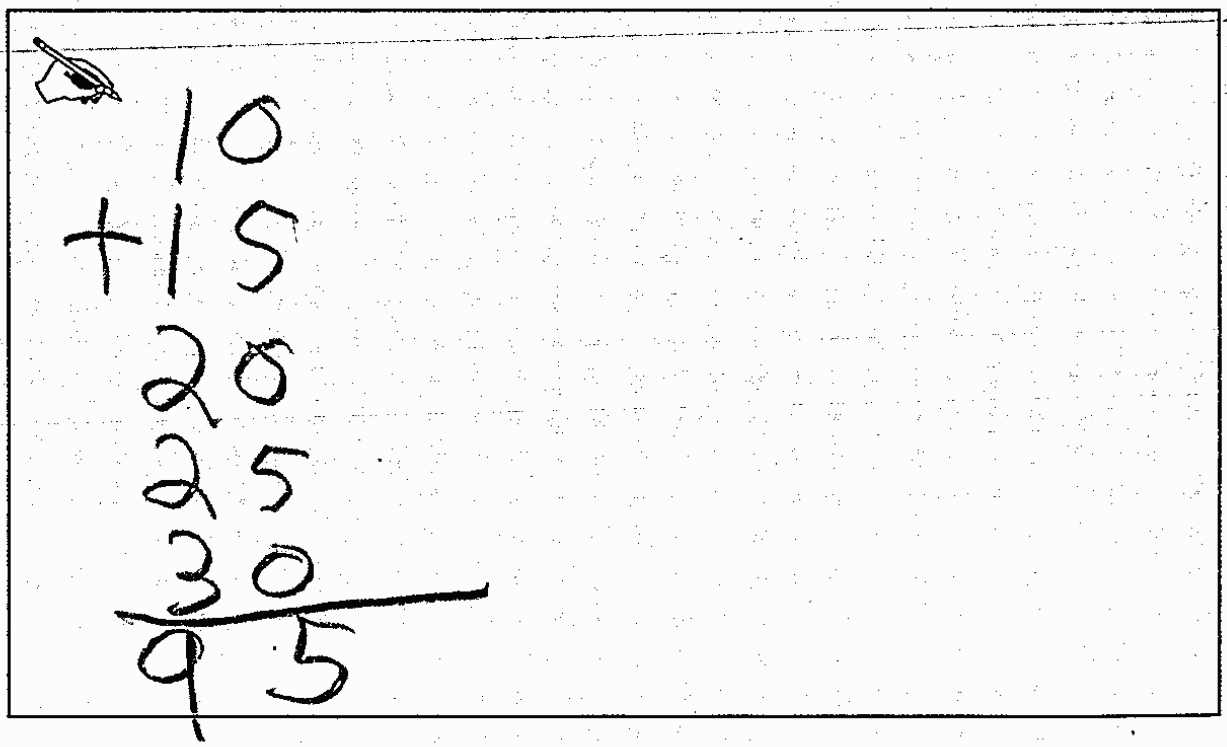
Rainbow Yarn Task

Warren has his different lengths and colors of yarn listed in the table.

Warren's Yarn

Color of Yarn	Length of Yarn
Yellow	10 inches
Orange	15 inches
Green	20 inches
Blue	25 inches
Purple	30 inches

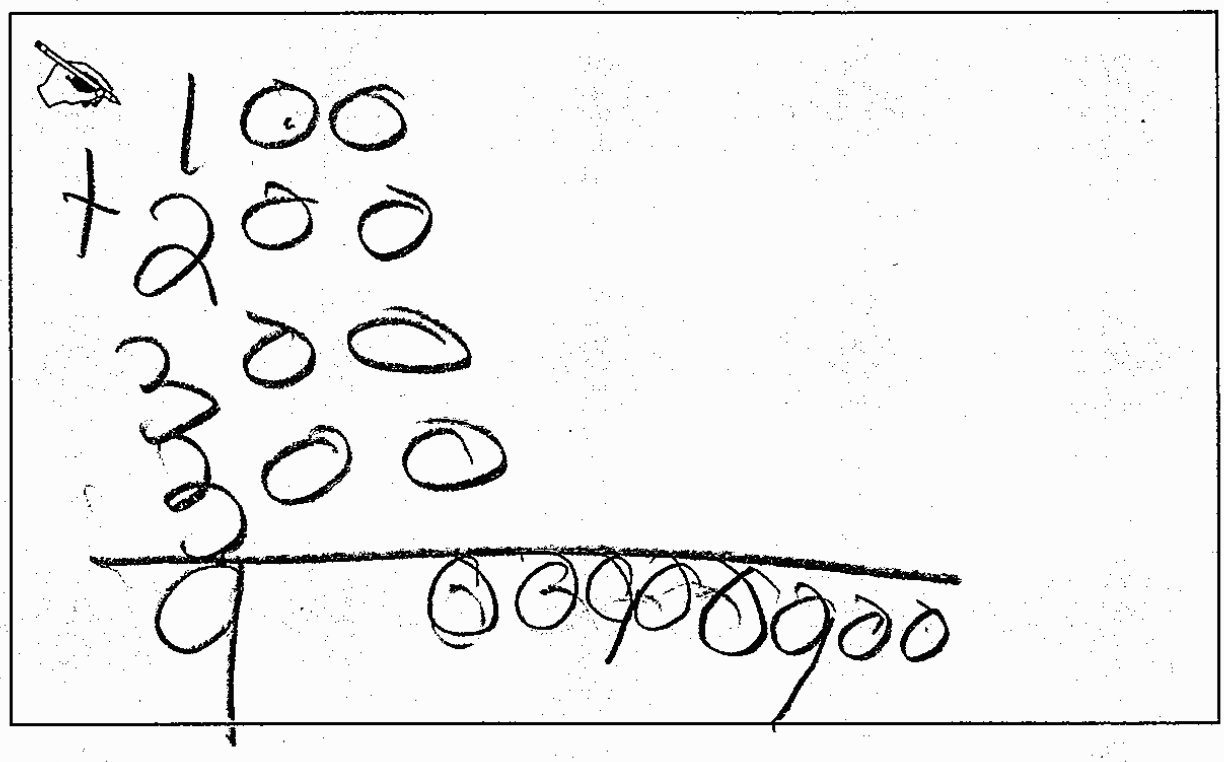
a. Find the total number of inches of yarn that Warren has. Show how you arrived at the total number of inches of yarn.



A-11b

Pink	100 inches
Tan	200 inches
White	300 inches
Black	300 inches

b. What is the total number of inches of string he has?

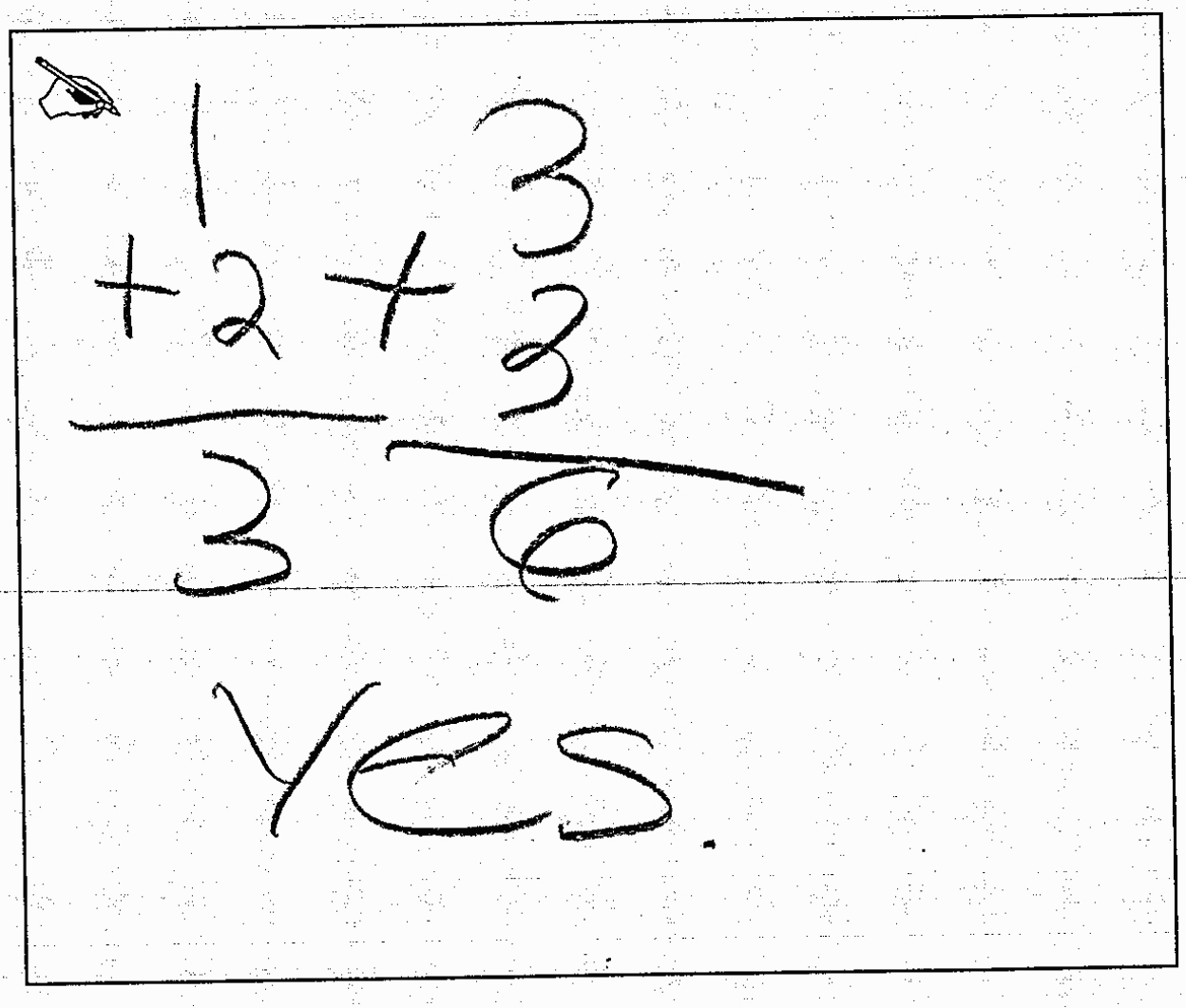


A-11c

Rainbow Yarn Task

Warren claims that he can find the total number of inches of string by first adding 1 + 2 + 3 + 3.

c. Explain why Warren can find the total number of inches of string by first adding 1 + 2 + 3 + 3.



Anchor 11 Litho 00462200128

Total Content Points: 0

Total Practice Points: 0

In Part A, the student does not correctly solve the “putting together” problem, instead arriving at a sum of 95 (no credit for 2.OA.A.1). Although the student properly constructs the addition problem using the correct data from the given table, the incorrect sum indicates incorrect work (no credit for MP6). In Part B, the student arrives at an incorrect sum (9000,000,00) (no credit for 2.NBT.B.7). In Part C, the student’s incomplete sum of the given addends indicates an insufficient understanding that the total of the digits in the hundreds place is representative of the total inches in hundreds (no credit for MP3).

Total Awarded Points: 0 out of 4