



NAME _____

DATE _____

RELATE ADDITION AND SUBTRACTION LENGTHS

Apply conceptual understanding of measurement by solving two step word problems.

- 1) Mare's ribbon is 26 centimeters long. Colleen's ribbon is 14 centimeter shorter than Mare's ribbon. What is the total length of both the ribbon?

Step 1: Find the length of Colleen's ribbon.

26 centimeters

?

14 centimeters shorter

Step 2: Find the length of both ribbons.

26 centimeters

?

14 centimeters shorter

By using tape diagram for step 1:

$$26 - 14$$

26	-10		-4	

Length of Colleen's ribbon = ___ centimeters.

By using tape diagram for step 2:

Mare's ribbon is ___ centimeters long.

Colleen's ribbon is ___ centimeters long.

The total length of both ribbons = ___ centimeters long.

26	+10		+2	