





NAME _____ DATE _____

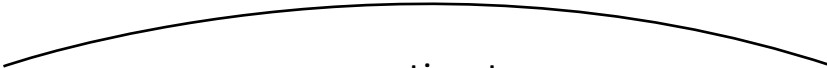
RELATE ADDITION AND SUBTRACTION LENGTHS

Concrete to abstract measuring the lengths of string using measurement tools represent length with tape diagrams to represent and compare lengths.

1) Use a string to measure all three lines.

Line 1:  _____ centimeters.

Line 2:  _____ centimeters.

Line 3:  _____ centimeters.

Which line is the longest? _____.

Which line is the shortest? _____.

Draw a tape diagram to compare two of the lengths.

Comparing the lengths of line 1 and 3 = $15 - 11 = \underline{\quad}$ centimeters.

By tape diagram:

15	-10		-1	

Difference in lengths between 15 and 11 is $\underline{\quad}$ centimeters.

2) Measure the two lines below.

a) Line A is $\underline{\quad}$ centimeters.

b) Line B is $\underline{\quad}$ centimeters.

Line A: _____

Line B: _____

c) Together, line A and B measure $\underline{\quad}$ centimeters.

d) Line A is $\underline{\quad}$ centimeters (shorter / longer) than line B.