



NAME \_\_\_\_\_

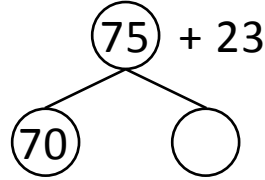
DATE \_\_\_\_\_

## 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) Shawn and Steven had a contest to see who could jump the furthest. Shawn jumped 75 centimeters Steven jumped 23 more centimeters than Shawn.

i) How far did Steven jump? \_\_\_ centimeters.



ii) Who won the jumping contest? \_\_\_\_\_.

$70 + 28 = \underline{\quad}$

iii) Draw a tape diagram to compare the lengths that Shawn and Steven jumped.

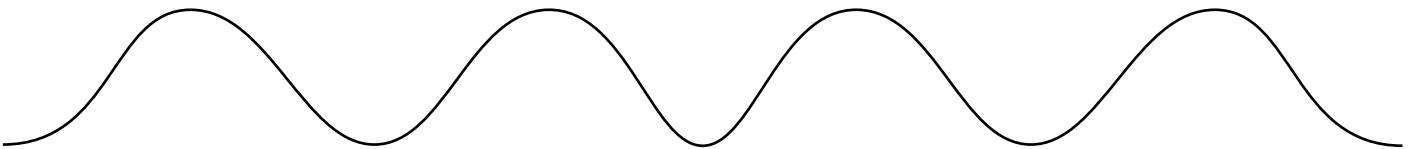
**By tape diagram:**

Shawn jumped \_\_\_ centimeters.

Steven jumped \_\_\_ more centimeters than shawn.

75	+ 10		+ 10		+ 3	

2) Florence is tie up a bundle of books. She is using the plastic wire.



The plastic wire is \_\_\_ centimeters long.

Florence needs 1 meter of plastic wire. How much more plastic wire does Florence need than what she has? \_\_\_ centimeters long.

1 meter = \_\_\_ centimeters.

Required more =  $100 - 25 = \underline{\quad}$  centimeters.

**By arrow way:**

$$100 \xrightarrow{-10} \underline{\quad} \xrightarrow{\quad} \underline{80} \xrightarrow{\quad} \underline{70} \xrightarrow{+5} \underline{75}$$