



NAME _____ DATE _____

MEASUREMENTS OF DIFFERENT OBJECTS

Solve using tape diagrams. Use a symbol for the unknown.

- 1) Elijah runs 68 yards in a 100 yards race. How many more yards does he have to run?

Solution: Elijah runs ___ yards.

Elijah required to run more yards to cover 100 yards race =

$$\square = 100 - 68 = \text{___ yards.}$$

Using tape diagram we have:

100	- 10		- 10		- 10		- 10		- 10		- 10		+ 2	

- 2) Chris has a 57 inch piece of string and another piece that is 15 inches longer than the first. What is the total length of both strings?

Solution: Length of the first piece of string = ___ inches.

The second piece of string is ___ inches longer than the first.

Length of the second piece of string = ___ + ___ = ___.

Using tape diagram:

57	+ 10		+ 10		- 5	

Total length of both strings = ___ + ___ = ___.

Using tape diagram:

57	+ 2		+ 50		+ 20	