MEASUREMENTS OF DIFFERENT OBJECTS

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

1) Jasmine has a jump rope that is 84 inches long. Marie's is 13 inches shorter than Jasmine's. What is length of Marie's jump rope?

Solution:

Length of the jump rope of Jasmine ____ inches.

Marie's is ____ inches shorter than Jasmine.

Length of the Marie's jump rope =

= 84 - 13 =___ inches.

Using tape diagram:

84	- 10	- 3	

2) Luann has a piece of ribbon that is 1 yard long. She cuts off 33 inches to tie a gift box. How many inches of ribbon is not used?

Solution:

Length of the ribbon = ___ yard = ___ feet = ___ inches.

She cuts off ____ inches.

Ribbon that is not used =

____ = ___ – ___ = __ inches.

Using tape diagram:

36	- 30	- 3	