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## 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 $\qquad$ inches.

Marie's is $\qquad$ inches shorter than Jasmine.

$$
\text { Length of the Marie's jump rope }=\square
$$

$$
\square=84-13=
$$

$\qquad$ 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 $=$ $\qquad$ yard $=$ $\qquad$ feet $=$ $\qquad$ inches.

She cuts off $\qquad$ inches.

$$
\text { Ribbon that is not used }=\square
$$

$$
\square=\_-\_=\ldots \text { inches. }
$$

## Using tape diagram:



