$\qquad$

## FINDING VALUES ON METER STRIPS

## Each unit length on both number lines is 5 yards.

 (Note: Number lines not drawn to scale).1) Alice measured her belt to be 22 inches long using a yard stick but she did not start her measurement at zero. What might be the two end points of her belt on her meter stick? write a subtraction sentence to match your idea.

## Solution:

Each hash mark shows the distance 5 inches.
22 inches


Using tape diagram:


The two end points are $(5,27)$
The subtraction sentence is $=$ $\qquad$ - $\qquad$ $=22$.
2) Isaiah ran 100 meters on a 200 meter track. He started running at the 19 meter mark. On what mark did he finish his run?

Solution:

(200 meter track)

Isaiah ran $\qquad$ meters.

Started running at the $\qquad$ meters.
Using tape diagram:

| 19 | +10 | +10 | +10 |  | +10 |  | +10 |  | +10 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |


| +10 | 89 | +10 |  | +10 |  | +10 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |

He finished his running on $\qquad$ mark.

