# Otter the dog walked north for 20 meters. 

Otter's Initial Position

Otter's Final Position

## Then, he walked east for 12 meters.

Otter's Initial Position

## Otter's Final Position

## How far did Otter end up from where he started and in which direction?

Otter's Initial Position


Otter's Initial Position


Otter's Initial Position


Otter's Initial Position


Otter's Initial Position


Otter's Initial Position


So, now we know that Otter ended up 23.32 meters from where he started, but the problem statement says the following:<br>How far did Otter end up from where he started and in which direction?




Otter's Initial Position

