# Word Problem for length using Addition - Metric units
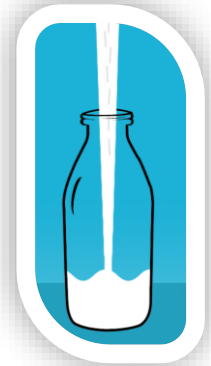
**A recipe calls for 250 milliliters of milk and 100 milliliters of water. What is the total volume of liquid needed?**

**Solution:**

**Milk volume   =   250 milliliters**

**250 ml**

**Water volume  =   100 milliliters**

**100 ml**

**Total volume   = Milk volume  +  Water volume**

**= 250 milliliters  +  100 milliliters**

**= 250 + 100   = 350 milliliters**

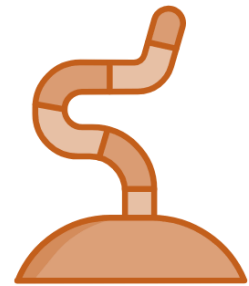The total volume of liquid needed for the recipe is 350 milliliters.

A worm is 10 centimeters long. It burrows 4 centimeters deeper into the soil. How long is the burrow now?

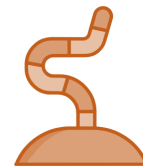**Solution:**

**10 cm**

**4 cm**

Initial worm length = 10 centimeters

Burrowed distance = 4 centimeters

Total burrow length = Initial worm length **+** Burrowed distance

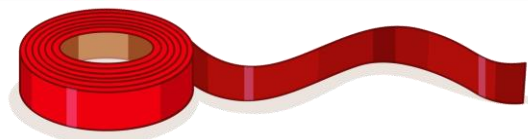= 10 centimeters **+** 4 centimeters

= 10 + 4 = 14 centimeters

The burrow is 14 centimeters long.

**Example : 3**

A ribbon is 5 meters long and a piece of yarn is 2 meters long. What is the total length of the ribbon and yarn combined?

**Solution:**

Length of the ribbon   =   5 meters                     5 m

Length of the yarn     =   2 meters

2 m

Total length = Length of the ribbon **+** Length of the yarn

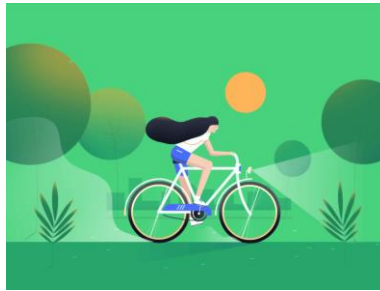= 5 meters **+** 2 meters

=   5 + 2   =   7 meters

The total length of the ribbon and yarn combined is 7 meters.

**Example : 4**

A cyclist travels 45 kilometers on Saturday and 62 kilometers on Sunday. What is the total distance they cycle across both days?
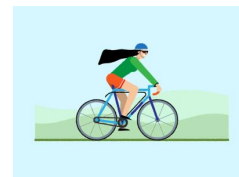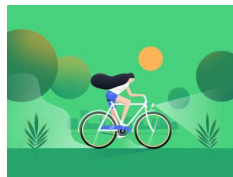
**Solution:**



**45 km**  **62 km**

Distance covered by saturday = 45 kilometers

Distance covered by sunday = 62 kilometers

Total distance = Distance covered by saturday **+** Distance covered by sunday

= 45 kilometers **+** 62 kilometers



= **45 + 62** = **107 kilometers**

The cyclist travels a total of 107 kilometers across both days.