Word Problem for length using Addition - Customary units

Example : 1

Maya has a blue ribbon that is 10 inches long and a yellow ribbon that is 7 inches long. How many inches of ribbon does Maya have in total?

Solution:

10 inches

7 inches

Length of the blue ribbon = 10 inches

Length of the yellow ribbon = 7 inches

Total length of ribbons = Length of the blue ribbon + Length of the yellow ribbon

= 10 inches + 7 inches

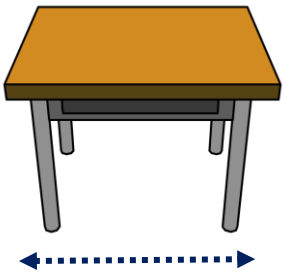
= 17 inches

Maya has 17 inches of ribbon in total.

Example : 2

Ben's desk is 3 feet long, and his chair is 2 feet long. What is the total length of Ben's desk and chair together?

Solution:



3 feet

2 feet

Length of the desk = 3 feet

Length of the chair = 2 feet

Total length of ribbons = Length of the desk + Length of the chair

= 3 feet + 2 feet

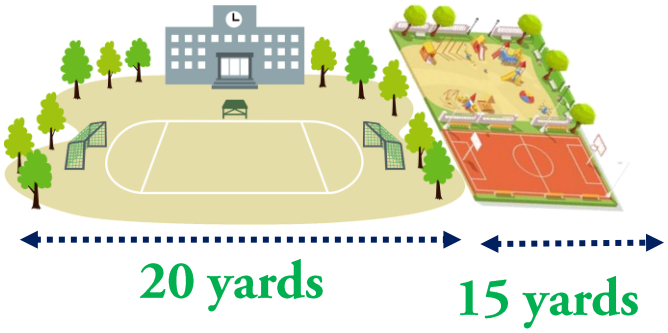
= 5 feet

The total length of Ben's desk and chair together is 5 feet.

Example : 3

The school playground is 20 yards wide. If they add a new play area that is 15 yards wide, what will be the total width of the playground?

Solution:



Initial width of playground = 20 yards

New play area width = 15 yards

Total width of playground = Initial width of playground + New play area width

= 20 yards + 15 yards

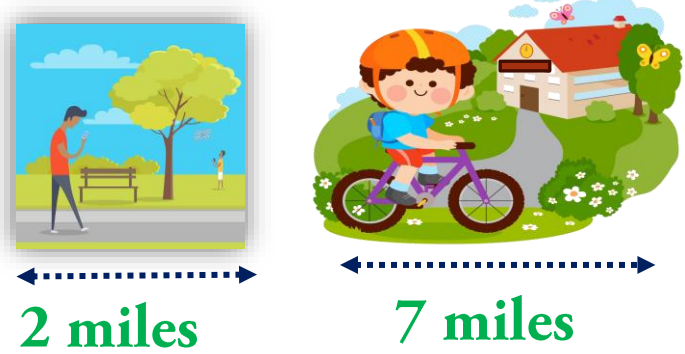
= 35 yards

Total width of the playground is 35 yards.

Example : 4

Jill walks 2 miles to the park and then bikes 7 miles home. How far has Jill travelled in total?

Solution:



Walking distance = 2 miles

Biking distance = 7 miles

Total distance = Walking distance + Biking distance

= 2 miles + 7 miles

= 9 miles

Jill has travelled 5 miles in total.