

Addition of Time

⇒ **To add time we have to follow some basic steps:**

Step 1: Write the units on the top.

Step 2: Write the numbers in proper place below the units. Write zero in empty place.

Step 3: Now add as per the instruction given in question.

⇒ **Let us understand with an example:**

Example: Add 3 hrs 35 min 50 sec and 2 hrs 40 min 34 sec.

Solution:

	hours	minutes	seconds
	3	35	50
+	2	40	34
	5	75	84

$$= 5 \text{ hrs } 75 \text{ min } 84 \text{ sec}$$

$$= 5 \text{ hrs } (60 + 15) \text{ min } (60 + 24) \text{ sec}$$

$$= (5 + 1) \text{ hrs } (15 + 1) \text{ min } 24 \text{ sec}$$

$$= 6 \text{ hrs } 16 \text{ min } 24 \text{ sec}$$

⇒ **Explanation:**

Step 1: As 60 sec = 1 min, so, 60 sec i.e., 1 min is carried to minutes column and 24 sec are left in seconds column. Now, we have 75 + 1 = 76 min.

Step 2: As 60 min = 1 hr. so, 60 min i.e., 1 hr is carried over to hour column and 76 - 60 = 16 are left in min column. Now, we have 5 + 1 = 6 hr.