



G.D.GOENKA PUBLIC SCHOOL

Subject: Math 5th

Aspect: 04-11-21.Home-Assignment

Chapter No.11-Time, Speed and Temperature

Exercise No.1: (Part 3)

Q.No.5) The Shatabdi Express stops at Gurgaon station for 150 seconds. For how many minutes and seconds does it stop?

Sol: The Shatabdi Express stops at Gurgaon station for = 150 seconds

As we know,

$$60 \text{ sec} = 1 \text{ min}$$

$$\text{Then, } 150 \div 60 \text{ min} = 2 \text{ min } 30 \text{ sec}$$

Hence, the Shatabdi Express stops at Gurgaon station for **2 minutes 30 seconds**.

Q.No.6) Rajesh is a good swimmer. Every day, he practices 2 hours in the morning and 1 ½ hours in the evening. How many minutes does he practice every day?

Sol: Time taken by Rajesh for swimming practice in the morning = 2 hours

Time taken by Rajesh for swimming practice in the evening = 1 ½ hours

$$\begin{aligned} \text{Therefore, total time taken by Rajesh every day} &= 2 \text{ hr} + 1 \frac{1}{2} \text{ hr} \\ &= 2 \text{ hr} + 1 \text{ hr } 30 \text{ min} \\ &= 3 \text{ hr } 30 \text{ min} \end{aligned}$$

As we know,

$$1 \text{ hr} = 60 \text{ min}$$

Then, 3 hr 30 min

$$= 3 \times 60 \text{ min} + 30 \text{ min}$$

$$= 180 \text{ min} + 30 \text{ min} = 210 \text{ min}$$

Q.No.7) Gulzar is allowed to watch TV for 30 minutes every day. How many hours and minutes of TV does he watch every week?

Sol: Time taken by Gulzar for Watching TV every day = 30 minutes

As we know,

1 week = 7 days

Therefore, Total time taken by Gulzar for Watching TV every week = $30 \text{ min} \times 7$
= 210 min

As we know,

60 min = 1 hr

Then, $210 \div 60 \text{ hr} = 3 \text{ hr } 30 \text{ min}$

Q.No.8) Gurpreet runs 1500 m in 5 minutes 43 seconds. How many seconds is that?

Sol: Distance covered by Gurpreet = 1500 m

Time taken by Gurpreet = 5 min 43 sec

As we know,

1 min = 60 sec

Then, $5 \times 60 \text{ sec} + 43 \text{ sec} = 300 \text{ sec} + 43 \text{ sec} = 343 \text{ sec}$

Note: Exercise.1 (To be done in the notebook, page No.191)