

Time

- Q1. Aysha studies 5 hr: 45 min. She starts studying at 9:15 p.m. At what time does she finish?

$9 \text{ hours} + 5 \text{ hours} = 14 \text{ hours}$
 $15 \text{ minutes} + 45 \text{ minutes} = 60 \text{ minutes (1 hour)}$
 $14 \text{ hours} + 1 \text{ hour} = 15 \text{ hours}$
 Therefore, Aysha finishes studying at 15:00 which is 3:00 pm

- Q2. Lunch break began at 11:12 a.m. It ended at 11:44 a.m. How long was lunch break?

Hours:	minutes	
11	:	44
- 11	:	12
		32

The lunch break was 32 minutes.

- Q3. A jet moves at 150 km/hr. How far does it travel in an hour?

Distance = Speed \times time

$$\begin{array}{r} 150 \\ \times 1 \\ \hline 150 \end{array}$$

So, the jet travel 150 km in an hour.

- Q4. How much time has passed.

- i. 2:45 p.m to 5:15 p.m 2 hours 30 minutes.
 ii. 10:45 p.m to 12:15 a.m 1 hours 30 minutes.
 iii. 11:00 a.m to 11:45 a.m hours 45 minutes.
 iv. 3:00 p.m to 9:45 p.m 6 hours 45 minutes.

Notebook Task:

- Q5. Ahsan travels 400km in 5 hours. What was average speed in km/h?

- Q6. A train 180 meters long is running at the speed of 70 meters per second. In how much time will it pass a 370 meter long platform.

Notebook Task:

Q. 5 Ahsan travels 400 km in 5 hours. What was average speed in km/h?

$$\text{Average speed} = 400 \text{ km} \div 5 \text{ hours}$$

Average speed was 80 kilometers per hour.

$$\begin{array}{r} 80 \\ 5 \overline{) 400} \\ \underline{40} \\ 0 \end{array}$$

Q. 6 A train 180 meters long is running at speed of 70 meters per second. In how much time will it pass a 370 meter long platform.

length of train = 180 meters

length of platform = 370

Speed of train = 70 meters per sec

$$\begin{array}{r} \text{Time} = ? \\ 1370 \\ + 180 \\ \hline 550 \end{array}$$

$$\text{Time} = 550 \div 70$$

$$\text{Time} = 7.857 \text{ second}$$

It will take 7.857 seconds for the train to pass a 370 meter long platform.