Chapter- 8

DATA HANDLING

WORKSHEET

I. **Fill in the blanks :**

    A. Complete the following statements by filling a.m. or p.m.

        1. I go to school at 7 __a.m.__ in the morning.

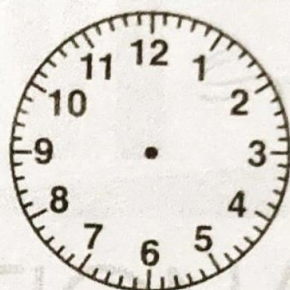   2. I do my homework at 7 __p.m.__.

    B. What will be the time after 4 hours of the following time.

        1. midday/noon __4:00__ .

        2. 10 a.m. __2:00__ .

II. **Do as directed :**

    A. Draw the hands to show the given time.

Half past 8

    B. Convert the following time to 24- hour clock time.

        1.   9 p.m.   __21:00__ .

        2.   6 p.m.   __18:00__

    C. Convert the following time to 12- hour clock time.

        1.   18 : 00   __6 p.m.__

        2.   21 : 00   __9 p.m.__

III.   **Solve :**

    A. Convert the given number of days and hours into hours.

        1. 18 days

        2. 11 days 20 hours

B. Convert the given number of hours and minutes into minutes.

1. 8 hours

$$1 \text{ hours} = 60 \text{ minutes}$$
$$8 \text{ hours} = 8 \times 60 \text{ minutes} = 480 \text{ minutes}$$

2. 20 hours 30 minutes

$$1 \text{ hours} = 60 \text{ minutes}$$
$$20 \text{ hours} = 60 \times 20 \text{ hours} = 1200$$

3. 16 hours 10 minutes

$$20 \text{ hours } 30 \text{ minutes} = 1200 + 30 = 1230$$

3. 16 hours 10 minutes.
$$1 \text{ hours} = 60 \text{ minutes}$$
$$16 \text{ hours} = 16 \times 60 \text{ minutes} = 960 \text{ min}$$
$$16 \text{ hours } 20 \text{ minutes} = 960 + 20 = 970$$

----- END -----

III Solve

A.

1 – 18 days

$$1 \text{ days} = 24 \text{ hours}$$
$$18 \text{ days} = 24 \times 18 = 432 \text{ hours}$$

2. 11 days 20 hours.
$$1 \text{ day} = 24 \text{ hour}$$
$$11 \text{ days} = 11 \times 24 \text{ hours} = 264 \text{ hour}$$
$$11 \text{ days } 20 \text{ hours} = 264 \text{ hour} + 20 \text{ hours} = 284$$