

Chapter - 8 ~~DATA HANDLING~~

Worksheet

1. 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.

-g.

2. I do my homework at 7 p.m.

B. What will be the time after n hours

of the following time.

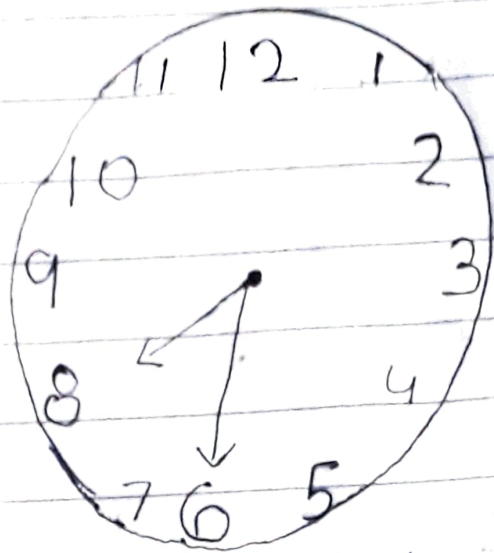
1. midday / noon 4 p.m.

2. 10 a.m. 2 p.m.

11. 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 = 18 - 12 = 6 p.m.

2. 21:00 = 21 - 12 = 9 p.m.

III. Solve:

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

1. 18 days

Since 1 day = 24 hours

$$\begin{aligned} \text{So, 18 days} &= 18 \times 24 \text{ hours} \\ &= 432 \text{ hours} \end{aligned}$$

2. 11 days 20 hours

Since 1 day = 24 hours

$$\begin{aligned} \text{So, 11 days} &= 11 \times 24 \text{ hours} \\ &= 264 \text{ hours} \end{aligned}$$

Thus, 11 days and 20 hours = 264

$$\text{hours} + 20 \text{ hours} = 284$$

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

1. 8 hours

Since 1 hour = 60 minutes

$$\begin{aligned}\text{So, 8 hours} &= 8 \times 60 \text{ minutes} \\ &= 480 \text{ minutes}\end{aligned}$$

2. 20 hours 30 minutes

Since 1 hour = 60 minutes

$$\begin{aligned}\text{So, 20 hours} &= 20 \times 60 \text{ minutes} \\ &= 1200 \text{ minutes}\end{aligned}$$

Thus, 20 hours and 30 minutes =
1200 minutes + 30 minutes =
1230 minutes

since 1 hour = 60 minutes

so, 16 hours = 16 ~~hour~~ × 60 minutes

= 960 minutes

Thus, 16 hours and 10 minutes =

960 minutes + 10 minutes = 970

minutes