

# MATHS

Chapter - 10

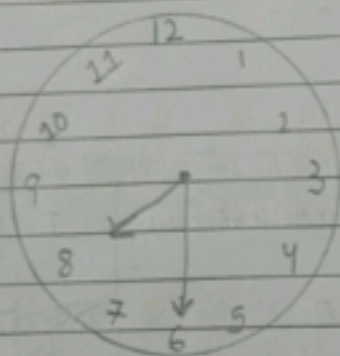
Time (Worksheet)

1. Fill in the blanks:

A1. a.m.      2. p.m.

B1. 4 p.m.      2. 2 p.m.

11. Do as directed:



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.

Solve:

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

1. 18 days =

Since 1 day = 24 hours  
So, 18 days =  $18 \times 24$  hours  
= 432 hours

2. 11 days 20 hours

Since 1 day = 24 hours

$$\text{So, 11 days} = 11 \times 24 \text{ hours} \\ = 264 \text{ hours}$$

$$\text{Thus, 11 days 20 hours} = 264 \text{ hours} + 20 \text{ hours} \\ = 284 \text{ hours}$$

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

1. 8 hours

Since 1 hour = 60 minutes

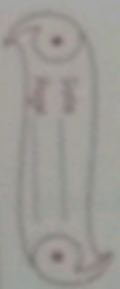
$$\text{So, 8 hours} = 8 \times 60 \text{ minutes} \\ = 480 \text{ minutes}$$

2. 20 hours 30 minutes

Since 1 hour = 60 minutes

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

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



3. 16 hours 10 minutes

Since 1 hour = 60 minutes

So, 16 hours =  $16 \times 60$  minutes

= 960 minutes

Thus, 16 hours 10 minutes = 960 minutes +  
10 minutes

= 970 minutes