

Class – IV

Subject – Mathematics

Note: Students are requested to write the notes in fair copy, and do practice of remaining questions by your own in rough copy

Chapter – 6

Time

Important Points:

- Measurement of time helps us to maintain our daily routine and work in an orderly manner.
- 1 Year = 365 Days
- But in a leap year there are 366 days
- 1Year = 12 Months
- 1 Week = 7 Days
- 1 Day = 24 Hours
- 1 Hour = 60 Minutes (3600 Sec.)
- 1 Minute = 60 Seconds
- 1 Fortnight = 14 Days





Exercise-1


Summative Assessment Based On CCE Skills / Aspects – Concept, Written work

MATHS


1. Write the time : (The first one has been done for you)


(a)  3 : 10 : 53


(b)  7 : 50 : 57

(c)  5 : 45 : 57

2. Draw the hands of the clocks to show the given time.

(a) 4 : 12 : 45 

(b) 5 : 25 : 37 

(c) 12 : 27 : 30 

3. Complete the blanks :

(a) 1 hour = 60 minutes, so 3 hours =180..... minutes.

(b) 1 week = 7 days, so 5 weeks =35..... days.

(c) There are366..... days in a leap year.

(d) 1 fortnight =14..... days.

Exercise – 2

1. Convert the following into minutes:

(a) 9 hours

Sol: 1 hour = 60 minutes

So, $9 \times 60 = 540$ minutes

(b) 11 hours



Sol: 1 hour = 60 minutes

So, $11 \times 60 = 660$ minutes

(c) 3 hours 25 minutes

Sol: 1 hour = 60 minutes

So, $3 \times 60 + 25$

= $180 + 25$

= 205 minutes

(d), (e) and (f) practice in rough copy

2. Convert the following into seconds:

(a) 4 minutes

Sol: 1 minute = 60 seconds

So, $4 \times 60 = 240$ seconds

(b) 17 minutes

Sol: 1 minute = 60 seconds

So, $17 \times 60 = 1020$ seconds

(d) 10 minutes 17 seconds



Sol: 1 minutes = 60 seconds

So, $10 \times 60 + 17$

$= 600 + 17$

$= 617$

(c) and (e) practice in rough copy

3. Convert the following into hours and minutes:

(To convert minutes to hours, we divide by 60)



Page _____

(a) 328 minutes
 $= 328 \div 60$

$$\begin{array}{r} 5 \rightarrow \text{hours} \\ 60 \overline{) 328} \\ \underline{- 300} \\ 28 \rightarrow \text{minutes} \end{array}$$

Ans = 5 hours 28 minutes

(b) 487 minutes
 $= 487 \div 60$

$$\begin{array}{r} 8 \rightarrow \text{hours} \\ 60 \overline{) 487} \\ \underline{- 480} \\ 7 \rightarrow \text{minutes} \end{array}$$

Ans = 8 hours 7 minutes

(c) 726 minutes
 $= 726 \div 60$

$$\begin{array}{r} 12 \rightarrow \text{hours} \\ 60 \overline{) 726} \\ \underline{- 720} \\ 6 \rightarrow \text{minutes} \end{array}$$

Ans 12 hours 6 minutes

Note: - (d), (e) and (f) practice in rough copy

4. Convert the following into minutes and seconds:

(To convert seconds into minutes and seconds we divide by 60)



$$(a) \ 258 \text{ seconds}$$

$$= 258 \div 60$$

$$\begin{array}{r} 4 \rightarrow \text{minutes} \\ 60 \overline{) 258} \\ \underline{- 240} \end{array}$$

Ans = 4 minutes 18 seconds

18 \rightarrow seconds

$$(b) \ 624 \text{ seconds}$$

$$= 624 \div 60$$

$$\begin{array}{r} 10 \rightarrow \text{minutes} \\ 60 \overline{) 624} \\ \underline{- 600} \end{array}$$

Ans = 10 minutes 24 seconds

24 \rightarrow seconds

$$(c) \ 817 \text{ seconds}$$

$$= 817 \div 60$$

$$\begin{array}{r} 13 \rightarrow \text{minutes} \\ 60 \overline{) 817} \\ \underline{- 780} \end{array}$$

Ans 13 minutes 37 seconds

37 \rightarrow seconds

Note:- (d), (e) and (f) practice in rough copy