HW
13.12.21

classmate
Date
Page

Exercise - 15(C)

5. Convert into hours and minutes.

c) 750 minutes

60 minutes = 1 hour

750 minutes = 750 ÷ 60 =

```
      12
   60 | 750
      - 60
      ----
       150
      -120
      ----
        30
```

Ans - 12 hours 30 minutes

d) 1000 minutes

60 minutes = 1 hour

1000 minutes = 1000 ÷ 60 =

```
      16
   60 | 1000
      - 60
      ----
       400
      -360
      ----
        40
```

Ans - 16 hours 40 minutes

6. Convert into days and hours.

c) 145 hours
24 hours = 1 day
145 hours = 145 ÷ 24
Ans - 6 days 1 hour

```
    6
24 | 145
   - 144
     01
```

d) 240 hours
24 hours = 1 day
240 hours = 240 ÷ 24

Ans - 10 days

```
    10
24 | 240
   - 24
     000
   -  0
     ---
      0
```

7. Convert into hours, minutes and seconds.

c) 7200 seconds
60 seconds = 1 minute
7200 seconds = 7200 ÷ 60
= 120 minutes

```
     120
60 | 7200
   - 60
     120
   - 120
     ---
      00
   -  0
     ---
      0
```

60 minutes = 1 hour
120 minutes = 120 ÷ 60
= 2 hours 00 minutes
Ans = 2 hours 00 minutes

$$\begin{array}{r|l} & 2 \\ \hline 60 & 120 \\ & -120 \\ \hline & 00 \end{array}$$

d) 8404 seconds
60 seconds = 1 minute
8404 seconds = 8404 ÷ 60
= 140 minutes 04 seconds

$$\begin{array}{r|l} & 140 \\ \hline 60 & 8404 \\ & -60 \\ \hline & 240 \\ & -240 \\ \hline & 04 \end{array}$$

60 minutes = 1 hour
140 minutes = 140 ÷ 60
= 2 hours 20 minutes
Ans- 2 hours 20 minutes 04 seconds

$$\begin{array}{r|l} & 2 \\ \hline 60 & 140 \\ & -120 \\ \hline & 20 \end{array}$$

e) 5555 seconds
60 seconds = 1 minute
5555 seconds = 5555 ÷ 60
= 92 minutes 35 seconds

$$\begin{array}{r|l} & 92 \\ \hline 60 & 5555 \\ & -540 \\ \hline & 155 \\ & -125 \\ \hline & 35 \end{array}$$

60 minutes = 1 hour
92 minutes = 92 ÷ 60
= 1 hour 32 minutes
Ans = 1 hour 32 minutes 35 seconds

$$\begin{array}{r|l} & 1 \\ \hline 60 & 92 \\ & -60 \\ \hline & 32 \end{array}$$

f) 9435 seconds

60 seconds = 1 minute

9435 seconds = 9435 ÷ 60

= 157 minutes 15 seconds

```
      157
60 | 9435
   - 60
     343
   - 300
     435
   - 420
      15
```

60 minutes = 1 houre

157 minutes = 157 ÷ 60

= 2 houre 37 minutes

```
       2
60 | 157
   - 120
      37
```

Ans = 2 houres 37 minutes 15 seconds