

Time and calendar

SCHOLAR

Date: / /

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A
1 2 day = 48 hour

2 3 hour = 180 minute

3 2 Minutes = 120 second

4 There are 366 days in a leap year

5 The month ~~February~~ February has 29 day in a leap year.

B

6 No 2038 will not be a leap year.

7

No. of days in April ~~th~~th = 30

$$30 - 6 = 24$$

24 days + 30 day of may = 54 days

| | | | |
|---|-----------|-----------|-----------|
| 8 | hr | Min | Sec |
| | 7 | 40 | 30 |
| | + 6 | 45 | 55 |
| | <u>14</u> | <u>26</u> | <u>25</u> |

| |
|-----------|
| Sec |
| 30 |
| + 55 |
| <u>85</u> |

$$85 - 60 = 25 = 1 \text{ min}$$

| | |
|-----------|-----------|
| - 00 | 25 second |
| <u>25</u> | |

Min

| |
|-----------|
| 40 |
| + 45 |
| <u>86</u> |

$$86 - 60 = 26 = 1 \text{ hour}$$

26 minute

| | | | |
|---|----------|-----------|-----------|
| | hr | min | sec |
| 9 | 14 | 57 | 40 |
| | - 7 | 34 | 20 |
| | <u>7</u> | <u>23</u> | <u>20</u> |

10 12 day 15 hour into

1 day = 24 hour

$$12 \text{ day } 15 \text{ hour} = 12 \times 60 + 15$$

$$= 720 + 15$$

735

12 750 second

60 second = 1 minute

750 second = $750 \div 60$

$$= \begin{array}{r} 12 \\ 60 \overline{) 750} \\ \underline{-60} \\ 150 \\ \underline{-120} \\ 030 \end{array}$$

12 minute 30 second

12
60
120

9 hour 30 minute

1 hour 60 minute

9 hour 30 minute = $9 \times 60 + 30$

= $540 + 30$

= 570 minutes

the biggest number = 4 hour 13 minute

the smallest number = 2 hour 35 minute

| | | |
|------|-----|------|
| hour | min | min |
| 4 | 73 | 13 |
| - 2 | 35 | + 60 |
| 1 | 38 | 73 |

73 min - 35 min

∴ 2 hour 35 min is 1 hr 38 min that 4 hour 13 minutes

14

Rakes go to tuition = 8:10 am

Come back home = 11 am

| | | |
|--------|-------|---------------|
| | 8:10 | |
| 2 hour | ↓ | |
| | 9:10 | |
| | ↓ | |
| | 10:10 | 10:10 |
| | + | 50 |
| | 11 | 50 |

11: am ∴ He spend 2 hour 50 minutes in tuition

15 Laxmi came on January = 15th

He stayed there = 30 day

Day she leave home = $15 + 30 =$

January = 31 days

$$\begin{array}{r}
 15 \\
 + 30 \\
 \hline
 45 \\
 \hline
 45 - 31 \\
 \hline
 14
 \end{array}$$

So she leave home on 14th February