

Class: 4

Subject : Mathematics

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Chapter: Eleven

Time

Lecture no-03 ((Solution))

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Note 03

Solution:

Year	Month
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 0 auto 10px auto;">-1</div> <div style="display: flex; justify-content: space-between;"> 13 = 14 </div> </div>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; margin: 0 auto 10px auto;">+12</div> <div style="display: flex; justify-content: space-between;"> 5 = 17 </div> </div>
- 9	9
<div style="display: flex; justify-content: space-around; width: 100%;"> 4 8 </div>	

[month]

5-9, it is impossible so move at first

1 year=12 months and 12 months is adding with 5 months (12+5)=17 and subtract 9 from 17.(17-9)=8

[year] Here, 14 years but 1 year=12 months, So,subtract 1 from 14.(14-1)= 13.Now,13-9=4

Ans: The difference is 4 years and 8 months.

Note 04 (1)

<u>Solution:</u>	Hour	Minute	Second
2		15 -1	25 +60
- 2		2	57
		12	28

[second] 25-57 is impossible, so move 1 minute=60 seconds (60+25)=85 and subtract 57 from 85. (85-57)=28

[minute] 1 minute=60seconds
So, 15-1=14 and subtract 2
From 14.(14-2)=12

Ans: The difference 12 minutes 28 seconds .

[hour] 2-2=0

(2)

<u>Solution:</u>	hour	minute	second
2		2 +1	57
+ 2		15	25
4		18	22

[second] 57+25=82 =60+22, so 60 carries 1 minute.so putting 22 Seconds and caring 1 minute.

[minute] In caring 1 minute is added with 2(2+1)=3.Now, (3+15)=18.

Ans: 4hour 18 minutes 22 seconds

[hour]2+2=4