

H/W  
15/12/2021

Date

Date

Page

$$EX = 15(D)$$

5) Add

a)	Hours	Minutes	Seconds
	14	20	15
	16	45	45
+	6	30	30
	36	95	90

$$90 \text{ sec} = 60 \text{ sec} + 30 \text{ sec} = 1 \text{ min } 30 \text{ sec}$$

$$95 \text{ min} = 60 \text{ min} + 35 \text{ min} = 1 \text{ hr } 35 \text{ min}$$

$$36 \text{ hr } 95 \text{ min } 90 \text{ seconds} = 37 \text{ hr } 36 \text{ min } 30 \text{ sec}$$

	Hours	Minutes	seconds
b)	1	50	40
	7	35	55
+	8	20	18
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	22	46	53

$113 \text{ sec} = 60 \text{ sec} + 53 \text{ sec} = 1 \text{ min } 53 \text{ sec}$

$106 \text{ min} = 60 \text{ min} + 46 \text{ min} = 1 \text{ hr } 46 \text{ min}$

$\therefore 21 \text{ hr } 106 \text{ min } 113 \text{ sec} = 22 \text{ hr } 46 \text{ min } 53 \text{ sec}$

	Hr	Min	Sec
	14	20	15
	8	45	25
+	6	30	30
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	28	95	70

$$70 \text{ sec} = 60 \text{ sec} + 10 \text{ sec} = 1 \text{ min } 10 \text{ sec}$$

$$95 \text{ min} = 60 \text{ min} + 35 \text{ min} = 1 \text{ hr } 35 \text{ min}$$

$$28 \text{ hr} = 24 \text{ hr} + 4 \text{ hr} = 1 \text{ day } 4 \text{ hr}$$

∴ ~~24 hr~~ 28 hr 95 min 15 sec  
= 1 day 5 hours 35 minutes 15 sec

d)

Hr	Min	Sec
<sup>2</sup> 16	<sup>1</sup> 25	<sup>1</sup> 40

17	35	25
+ 8	12	18

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41	72	83
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~~83~~ sec = 60 sec + 23 sec = 1 min 23 sec

72 min = 60 min + 12 min = 1 hr 12 min

41 hr = 24 hr + 17 hr = 1 day 17 hr

∴ 41 hr 72 min 83 sec = 1 day 18 h 13 min 23 sec.

6) Subtract :

a)

Hours	Minutes	Seconds
9	16	24
- 8	05	14
<hr/>		
1 hour	11 minutes	10 seconds

b)

Hours	Minutes	Seconds
16	56	45
- 4	23	13
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12 hours	33 minutes	32 seconds

c)

Hours	Minutes	Seconds
24	60	73
<del>25</del>	13	60
	14	13
- 15	23	28
<hr/>		
9 hours	50 minutes	45 seconds

d)

Hours	Minutes	Seconds
7	60	82
<del>8</del>	22	12
	23	72
- 5	45	33
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2 hrs	37 mins	39 sec