

$$\begin{array}{c}
1:00 \\
+ 30^{\circ} \\
6 - 1/2^{\circ} \\
- 60 \\
- 55 \\
- 11
\end{array}$$

$$1.00 + 5\frac{5}{11} = 1.05\frac{5}{11}$$
 min

1:05:27.278lc

$$\frac{12}{160}$$

$$\frac{60^{\circ}}{6-1/2} = \frac{120}{11} = 10\frac{10}{11}$$

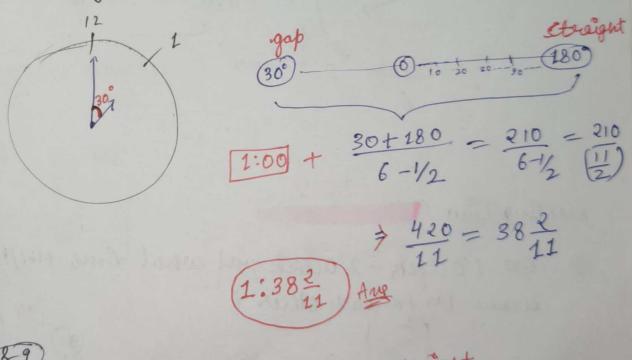
$$2: 10\frac{10}{11}$$

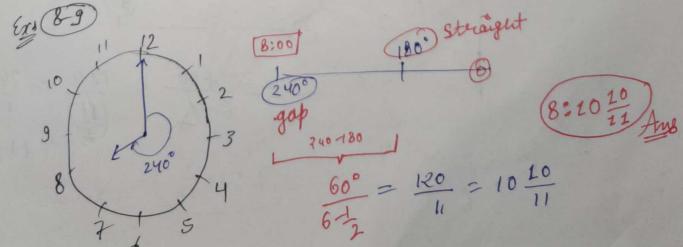
$$3:16\frac{4}{11} \text{ Any} \qquad 3:00+\frac{96^{\circ}}{6-\frac{1}{2}}$$

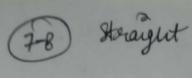
$$3:16\frac{4}{11} \text{ Any} \qquad 3:00+\frac{180}{11}=16\frac{4}{11}$$

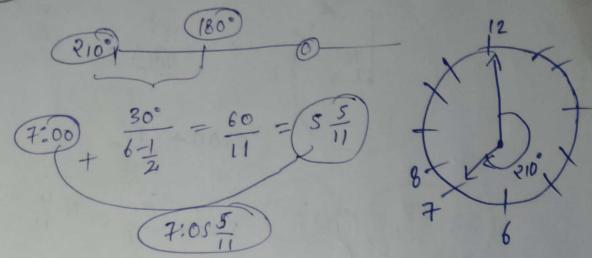
Meeting time: Straight 180°

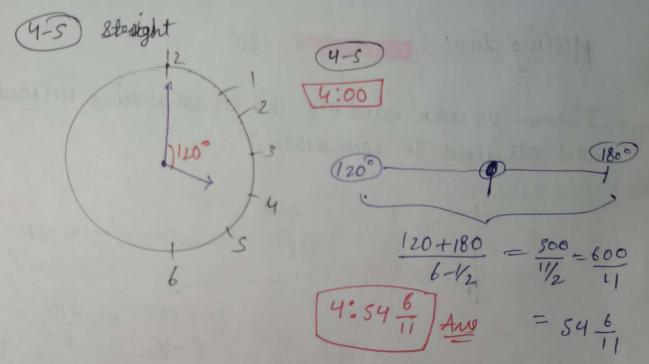
Estaren 1'0 clock and 2'0 clock at what time HH cand MH)
worl steraight to each other?





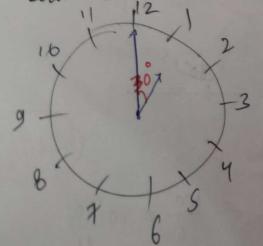






neeting Time (1er 90/270°)

ge flw 1'o clock - 2'o clock, at what time MH/HH
become Lar to reach other?



$$\frac{30 + 90}{6 - 1/2} = \frac{120}{(11)} = \frac{240}{11}$$

$$= 219$$

$$\frac{30^{\circ} + 270^{\circ}}{6 - 1/2} = \frac{300}{(1)}$$

$$= \frac{300}{6 - 1/2} = \frac{5}{11}$$

$$\frac{30}{6 - 1/2} = \frac{60}{11} = \frac{5}{11}$$

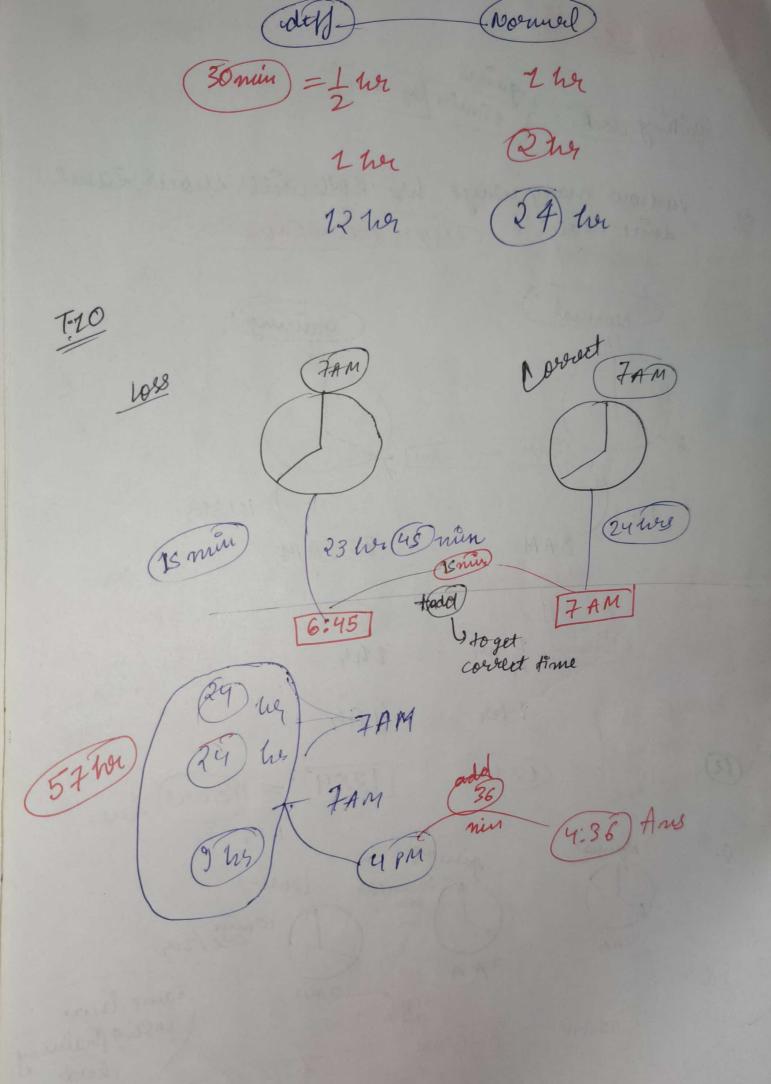
$$\frac{120^{\circ} + 90^{\circ}}{6 - 1/2} = \frac{420}{11} = \frac{38}{11}$$

$$\frac{20}{6 - 1/2} = \frac{40}{11} = \frac{3}{11}$$

Miscelleneous Mirror time - Mirror time Miror mage f(-x) Pagetion frs) 12-9:30 Mischer 2:30 f(-1)

Gram/ Loss gains /day hor) gathing clock Lution many ways here Bothwill show same time again. AMIPM doesnot matter Normal gaining) 8:15 AM (diff he 15 min 1 her 4 her 12×4] = (18 ws) Aus. 12 w 12) wediff garring Loosing 20min/We 10 nin /hs Same Leure losing Chaincy

Wock



40

For sey purpose,

Angle blu minute hand and hour hand $\theta^{\circ} = \frac{11}{2} \times \text{minute} - 30 \times \text{Hour}$

I minute bliv the numbe and the hourly needle of the clock.

minute
$$1'=6^{\circ}$$

Hour $1'=1^{\circ}$
 5.5°