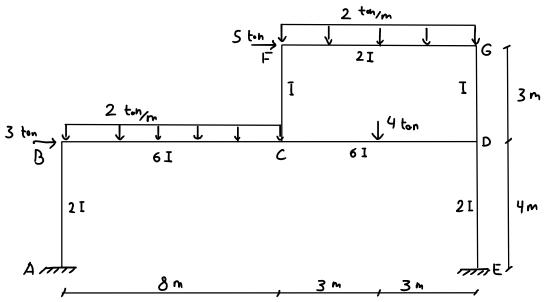
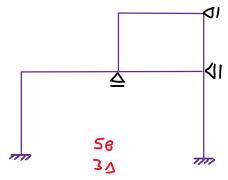
## منال: ماب شكل زمر راب روش نيب - انت تعليل كنو.



$$\frac{\omega l^2}{12} = \frac{2 \times 6^2}{12} = 6$$

$$\frac{\omega l^2}{12} = \frac{2 \times 8^2}{12} = 10.67$$

$$\frac{PL}{8} = \frac{4 \times 6}{8} = 3$$



$$M_{AB} = \frac{2(2EI)}{4} (\theta_B - 3\frac{\Delta_2}{4})$$

$$M_{BA} = \frac{2(2EI)}{4} (2\theta_B - 3\frac{\Delta_2}{4})$$

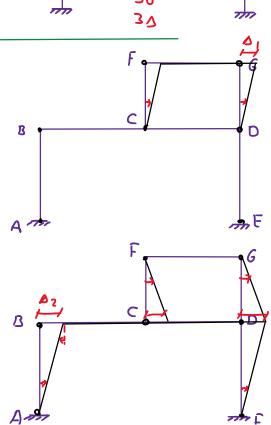
$$M_{EB} = \frac{2(2EI)}{4} (\theta_0 - 3\frac{\Delta_2}{4})$$

$$M_{DE} = \frac{2(2EI)}{4} (2\theta_P - 3\frac{\Delta_2}{4})$$

$$M_{CF} = \frac{2(EI)}{3} (2\theta_F + \theta_F - 3\frac{\Delta_1}{3} + 3\frac{\Delta_2}{3})$$

$$M_{EC} = \frac{2EI}{3} (2\theta_F + \theta_F - 3\frac{\Delta_1}{3} + 3\frac{\Delta_2}{3})$$

 $M_{DG} = \frac{2EI}{3} \left( 2\theta_0 + \theta_0 - 3\frac{\Delta_1}{3} + 3\frac{\Delta_2}{3} \right)$ 



$$|P|_{DG} = \frac{2c_1}{3} \left( 2\theta_0 + \theta_0 - 3\frac{\Delta_1}{3} + 3\frac{\Delta_2}{3} \right)$$

$$M_{GD} = \frac{2EI}{3} (2\theta_{G} + \theta_{D} - 3\frac{\Delta_{I}}{3} + 3\frac{\Delta_{I}}{3})$$

$$M_{BC} = \frac{2(6 \in \overline{1})}{8} (2\theta_{g} + \theta_{c} - 3 = 3) - 10.67$$

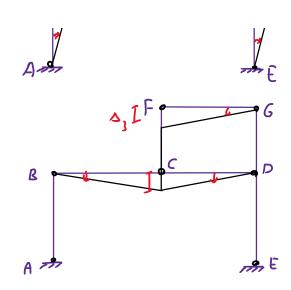
$$M_{CB} = \frac{2(6E_3)}{8} (2e_c + \theta_3 - \frac{3o_3}{8}) + 10.67$$

$$\mathcal{M}_{CD} = \frac{2(6E3)}{6} \left( 2\theta_{C} + \theta_{D} + \frac{3\Delta_{3}}{6} \right) - 3$$

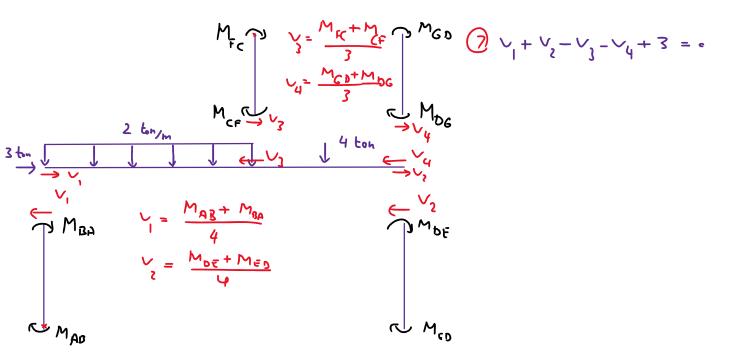
$$M_{D_c} = \frac{2(6EI)}{6}(2\theta_0 + \theta_c + \frac{3\Delta_3}{6}) + 3$$

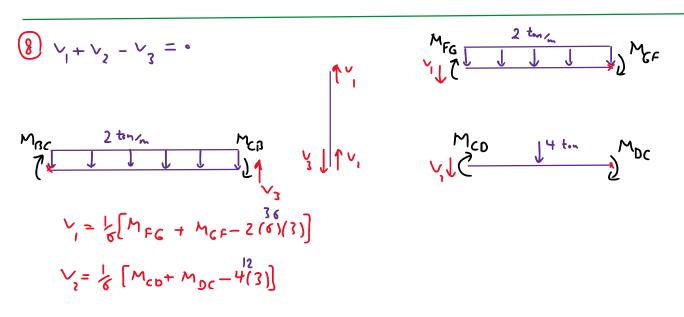
$$M_{FG} = 2 \frac{(2Ei)}{6} (2\theta_F + \theta_G + 3\frac{\Delta_3}{6}) - 6$$

$$\mathcal{M}_{CF} = \frac{2(2E_{I})}{\delta} \left( 2\theta_{C} + \theta_{F} + 3\frac{\Delta_{3}}{\delta} \right) + 6$$



Sten 
$$\longrightarrow$$
  $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{j}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{j}$   $\bigvee_{i}$   $\bigvee_{j}$   $\bigvee_{i}$   $\bigvee_{j}$   $\bigvee_{i}$   $\bigvee_{j}$   $\bigvee_{i}$   $\bigvee_{j}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{j}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{i}$   $\bigvee_{$ 





$$V_{3} = \frac{1}{8} \left[ M_{c0} + M_{DC} - \frac{12}{4(3)} \right]$$

$$V_{3} = \frac{1}{8} \left[ M_{c0} + M_{3C} + 2(8)(4) \right]$$

