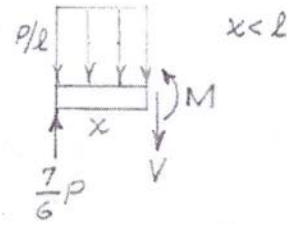
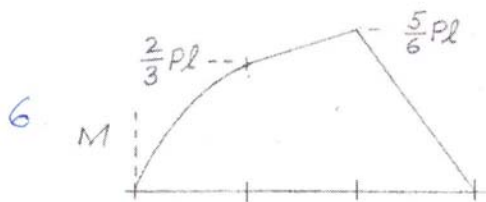
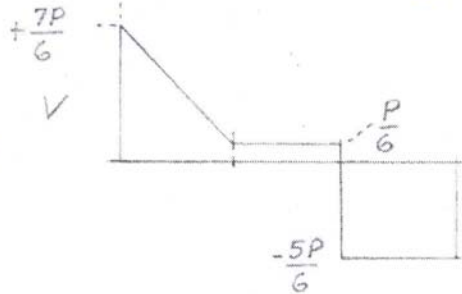
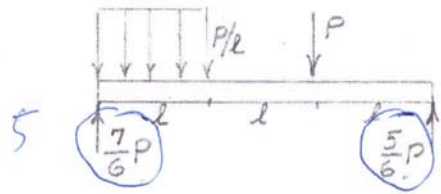


성명:

2016 기말고사 Prob. 2 해답



$$\sum F = 0; -V - \frac{P}{2}x + \frac{7}{6}P = 0$$

$$V = P\left(\frac{7}{6} - \frac{x}{2}\right)$$

$$\sum M_V = 0; M + \frac{P}{2}x \frac{x}{2} - \frac{7}{6}Px = 0$$

$$M = \frac{Px}{2}\left(\frac{7}{3} - \frac{x}{l}\right)$$

$M_{max} = \frac{5}{6}Pl$ 3