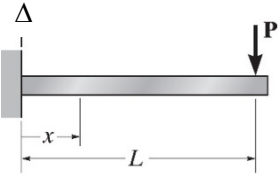
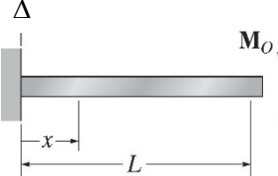
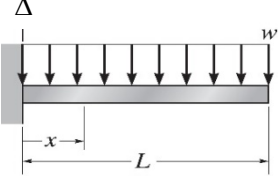
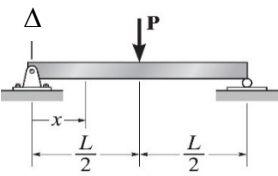
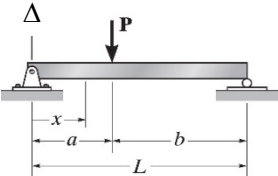
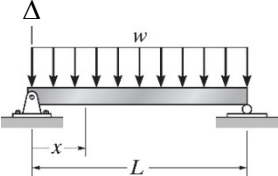
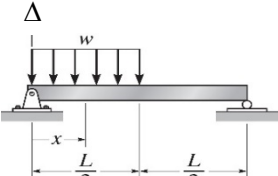
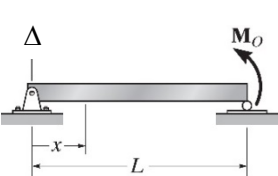


Loading	$\Delta^+ \uparrow$	$\theta^+ \curvearrowright$	Equation
	$\Delta_{\max} = -\frac{PL^3}{3EI}$ at $x = L$	$\theta_{\max} = -\frac{PL^2}{2EI}$ at $x = L$	$\Delta = \frac{P}{6EI}(x^3 - 3Lx^2)$
	$\Delta_{\max} = \frac{M_o L^2}{2EI}$ at $x = L$	$\theta_{\max} = \frac{M_o L}{EI}$ at $x = L$	$\Delta = \frac{M_o x^2}{2EI}$
	$\Delta_{\max} = -\frac{wL^4}{8EI}$ at $x = L$	$\theta_{\max} = -\frac{wL^3}{6EI}$ at $x = L$	$\Delta = -\frac{w}{24EI}(x^4 - 4Lx^3 + 6L^2x^2)$
	$\Delta_{\max} = -\frac{PL^3}{48EI}$ at $x = L/2$	$\theta_{\max} = \pm \frac{PL^2}{16EI}$ at $x = 0$ or $x = L$	$\Delta = \frac{P}{48EI}(4x^3 - 3L^2x)$ $0 \leq x \leq L/2$
		$\theta_L = -\frac{Pab(L+b)}{6LEI}$ $\theta_R = \frac{Pab(L+a)}{6LEI}$	$\Delta = -\frac{Pbx}{6LEI}(L^2 - b^2 - x^2)$ $0 \leq x \leq a$
	$\Delta_{\max} = -\frac{5wL^4}{384EI}$ at $x = L/2$	$\theta_{\max} = \pm \frac{wL^3}{24EI}$	$\Delta = -\frac{wx}{24EI}(x^3 - 2Lx^2 + L^3)$
		$\theta_L = -\frac{3wL^3}{128EI}$ $\theta_R = \frac{7wL^3}{384EI}$	$\Delta = -\frac{wx}{384EI}(16x^3 - 24Lx^2 + 9L^3)$ $0 \leq x \leq L/2$ $\Delta = -\frac{wL}{384EI}(8x^3 - 24Lx^2 + 17L^2x - L^3)$ $L/2 \leq x \leq L$
	$\Delta_{\max} = -\frac{M_o L^2}{9\sqrt{3}EI}$	$\theta_L = -\frac{M_o L}{6EI}$ $\theta_R = \frac{M_o L}{3EI}$	$\Delta = -\frac{M_o x}{6LEI}(L^2 - x^2)$