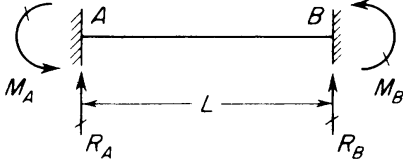
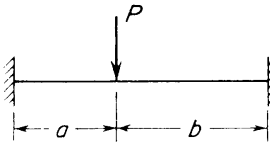
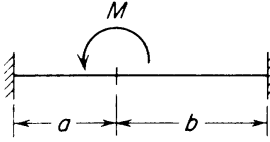
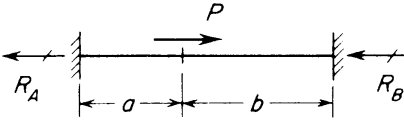
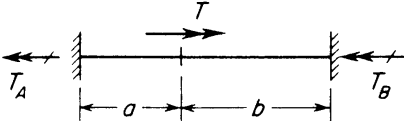
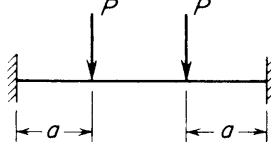
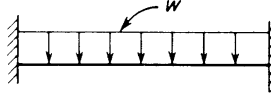
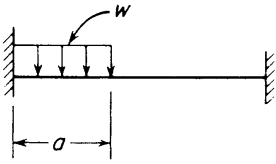
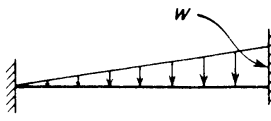


Table B-1
Fixed-End Actions Caused by Loads

	
1	 $M_A = \frac{Pab^2}{L^2} \quad M_B = -\frac{Pa^2b}{L^2}$ $R_A = \frac{Pb^2}{L^3}(3a + b) \quad R_B = \frac{Pa^2}{L^3}(a + 3b)$
2	 $M_A = \frac{Mb}{L^2}(2a - b)$ $M_B = \frac{Ma}{L^2}(2b - a)$ $R_A = -R_B = \frac{6Mab}{L^3}$
3	 $R_A = \frac{Pb}{L} \quad R_B = \frac{Pa}{L}$
4	 $T_A = \frac{Tb}{L} \quad T_B = \frac{Ta}{L}$
5	 $M_A = -M_B = \frac{Pa}{L}(L - a)$ $R_A = R_B = P$
6	 $M_A = -M_B = \frac{wL^2}{12}$ $R_A = R_B = \frac{wL}{2}$
7	 $M_A = \frac{wa^2}{12L^2}(6L^2 - 8aL + 3a^2)$ $M_B = -\frac{wa^3}{12L^2}(4L - 3a)$ $R_A = \frac{wa}{2L^3}(2L^3 - 2a^2L + a^3)$ $R_B = \frac{wa^3}{2L^3}(2L - a)$
8	 $M_A = \frac{wL^2}{30} \quad M_B = -\frac{wL^2}{20}$ $R_A = \frac{3wL}{20} \quad R_B = \frac{7wL}{20}$