Homework 3:

1. Use elastic beam theory to calculate the equation of elastic curve and maximum deflection in the following beams. Also, plot the approximate shape of deflection.

   \[ \text{(a)} \]
   \[ \text{(b)} \]

2. Use method of moment area to calculate the required values.

   \[ \text{(a)} \]
   \[ \text{(b)} \]
   \[ \text{(c)} \]
   \[ \text{(d)} \]