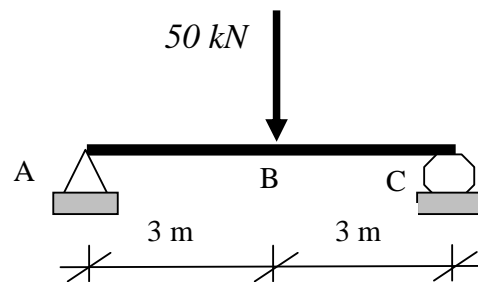


2. Compare v_B and v_{max} from Part 1 and briefly comment. (5 points)
Compare v_B and v_{max} from Part 1 to the mid-span deflection (v_B) of the beam (same $EI=50,000 \text{ kN.m}^2$) shown below and briefly comment. (10 points)

NOTES:

- In answering the questions above, you should use the values calculated as well as your engineering judgment; i.e. if it happens that the values obtained are not logical or do not make sense when compared with each other, this may be a hint that you may have done something wrong somewhere (?). If you do not have time to review and correct, make the proper judgment, answer accordingly, and note this in your comment.
- In calculating v_B below, you should take advantage of symmetry and of the fact that the slope is zero at B. This will simplify your calculation of v_B to a single line only (or, if you know the formula, you may use it directly).



Calculations and Diagrams:

Calculations and/or Diagrams (cont'd):



Write/Draw a joke, a caricature, an opinion, a say, whatever you like. Anything NOT related to STRUCTURES I!