

CIVE 3205

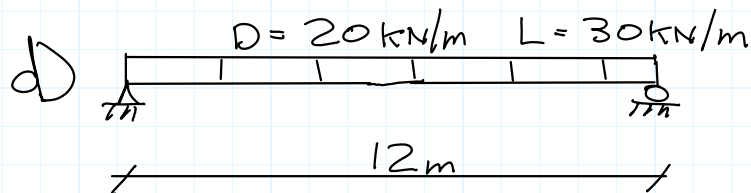
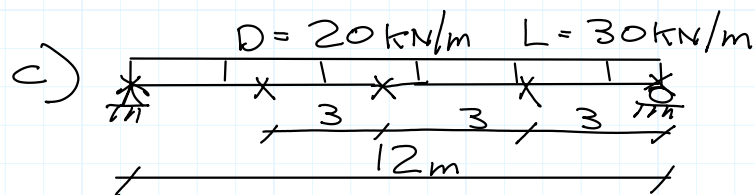
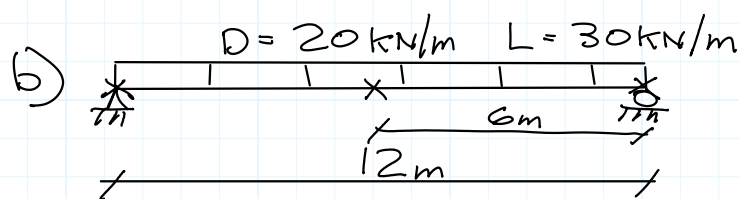
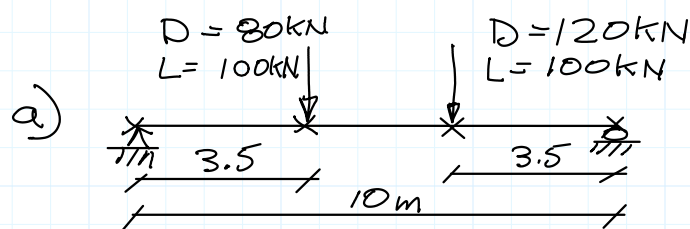
PROBLEM Set

FPS 1

Flexural Members

March, 2020

- 1) Beams: select economical sections for each of the following. Assume ASTM A992 Steel. The symbol x shows the locations of lateral support of the compression flange. All loads shown are specified loads. Assume commercial (retail) buildings with floor finishes not susceptible to cracking.



full lateral support