

CVEN 221 Honors – Homework #14

- 1) A beam is to carry a series of uniform and uniformly varying distributed loads as shown in part (a) of the figure below. Divide the area under each portion of the load curve into two triangles and then write a computer program that can be used to calculate the reactions at A and B. Use this program to then calculate the reactions at the supports for the beams shown in parts (b) and (c) of the figure.

