Problem 1 (3 points)

6-9 Draw a free-body diagram for the sled shown in Fig. P6-9.

Problem 2 (3 points)

6-10 Draw a free-body diagram for the diving board shown in Fig. P6-10.
Problem 3 (4 points)

6-30 The bent bar shown in Fig. P6-30. Supports at B and C are ball bearings. The horizontal and vertical surfaces at A are smooth.