

Name: \_\_\_\_\_

**In-class Problem 1.**  
**(Friday, February 14, 2020)**

**Question 1: 4 points**

What does it mean for a structure to be considered statically *determinate* or *indeterminate*?

**Question 2: 6 points**

Find the **reactions** at the supports and draw the **shear diagram** of the beam below. (*Include your answer at the back of the paper.*)

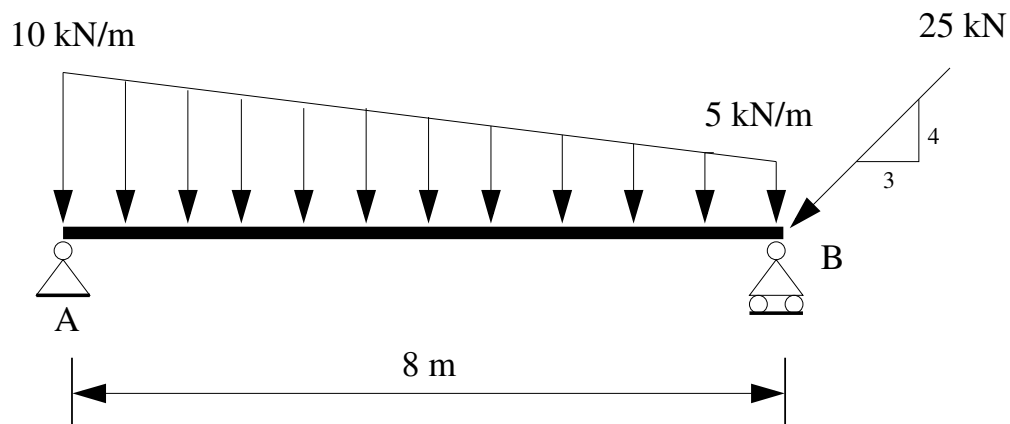


Figure 1: Question 2.