1. The prismatic cantilever beam is comprised of two sections welded together. For the loads shown determine the slope and deflection at end A.

![Diagram of prismatic cantilever beam with loads P at A and B.]

2. Determine the reactions at A and E.

![Diagram of a framed structure with sections A, B, C, D, and E, and loads w.]

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**CVE 412/CVE 511 Matrix Analysis of Framed Structures**  
**Homework Assignment #1**  
**Spring Semester – 2015**