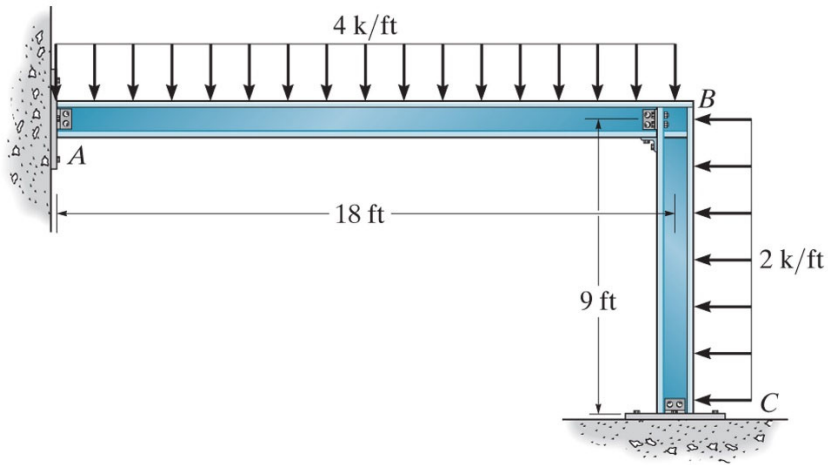


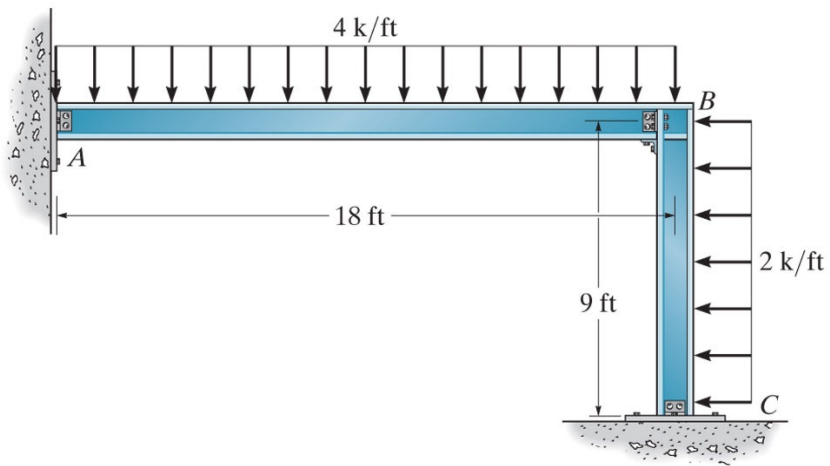
**Problem 10b-1** – Determine the reactions at the supports. Assume the connections at  $A$ ,  $B$ , and  $C$  are fixed, and  $EI$  is constant.



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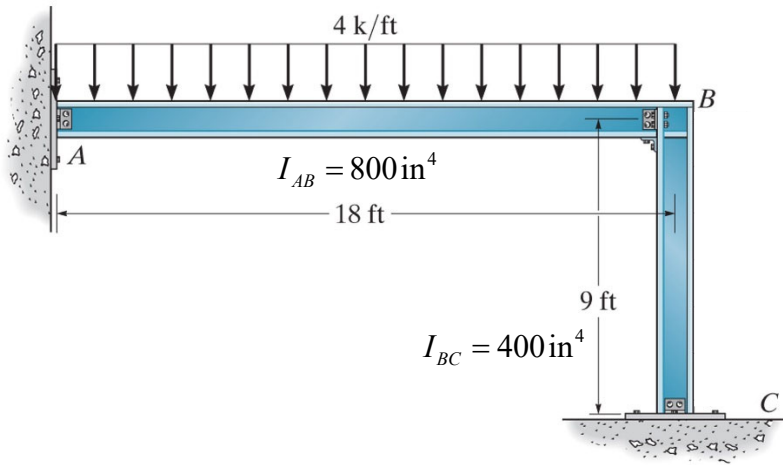
**Problem 10b-2** – Determine the reactions at the supports. Assume  $A$  and  $C$  are pins,  $B$  is fixed, and  $EI$  is constant.



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**Problem 10b-3** – Determine the reactions at the supports. Assume  $A$  is fixed,  $C$  is a pin,  $B$  is fixed, and  $EI$  is constant.

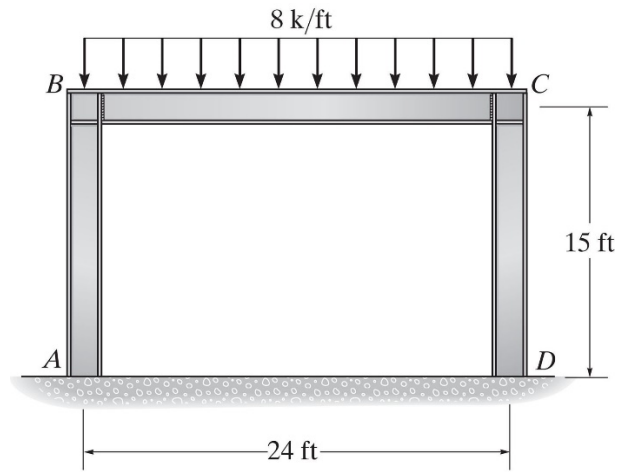


**Problem 10b-3** – Determine the reactions at the supports. Assume  $A$  is fixed,  $C$  is a pin,  $B$  is fixed, and  $EI$  is constant.



**Problem 10b-3** – Determine the reactions at the supports. Assume  $A$  is fixed,  $C$  is a pin,  $B$  is fixed, and  $EI$  is constant.

**Problem 10b-4** – Determine the reactions at  $A$  and  $D$ . Assume the supports at  $A$  and  $D$  are fixed,  $B$  and  $C$  are fixed connected, and  $EI$  is constant.

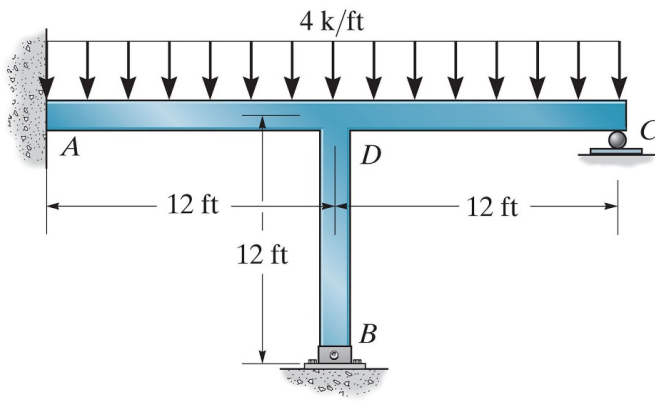


**Problem 10b-4** – Determine the reactions at  $A$  and  $D$ . Assume the supports at  $A$  and  $D$  are fixed,  $B$  and  $C$  are fixed connected, and  $EI$  is constant.

**Problem 10b-4** – Determine the reactions at  $A$  and  $D$ . Assume the supports at  $A$  and  $D$  are fixed,  $B$  and  $C$  are fixed connected, and  $EI$  is constant.

**Problem 10b-4** – Determine the reactions at  $A$  and  $D$ . Assume the supports at  $A$  and  $D$  are fixed,  $B$  and  $C$  are fixed connected, and  $EI$  is constant.

**Problem 10b-5** – Determine the moments at the fixed support  $A$  and joint  $D$ . Assume  $B$  is pinned and  $EI$  is constant.



**Problem 10b-5** – Determine the moments at the fixed support  $A$  and joint  $D$ . Assume  $B$  is pinned and  $EI$  is constant.

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**Problem 10b-5** – Determine the moments at the fixed support  $A$  and joint  $D$ . Assume  $B$  is pinned and  $EI$  is constant.