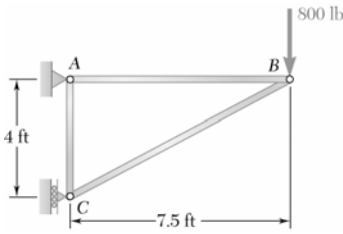
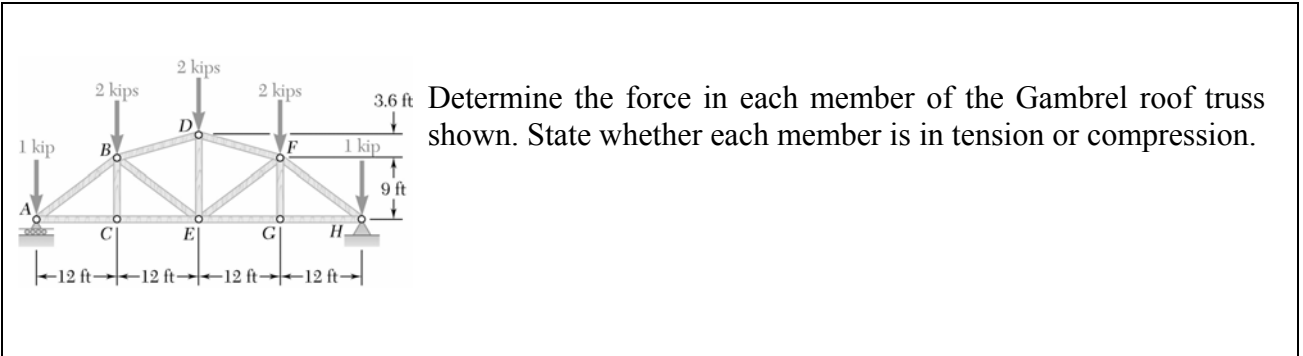


### Chapter 6, Problem 1.



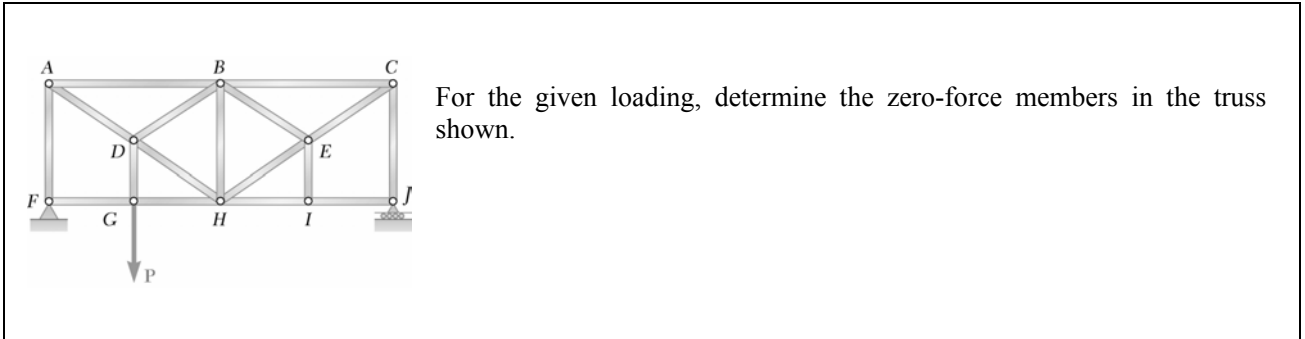
Using the method of joints, determine the force in each member of the truss shown. State whether each member is in tension or compression.

**Chapter 6, Problem 10.**

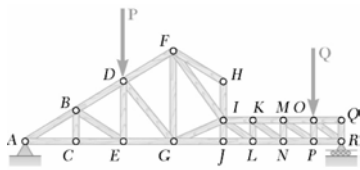


Determine the force in each member of the Gambrel roof truss shown. State whether each member is in tension or compression.

### Chapter 6, Problem 29.

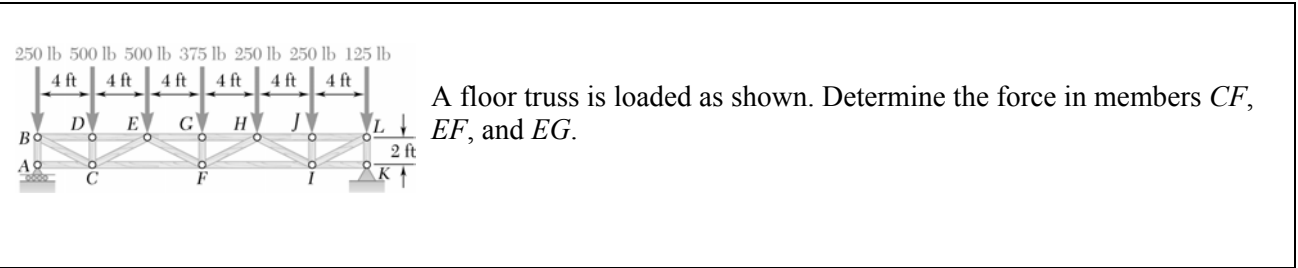


### Chapter 6, Problem 31.

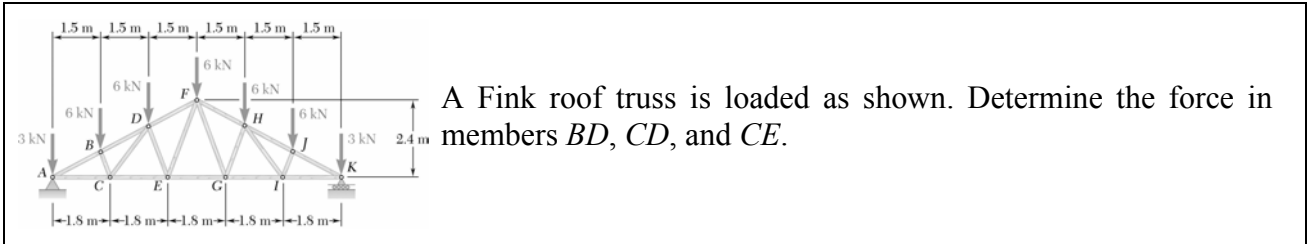


For the given loading, determine the zero-force members in the truss shown.

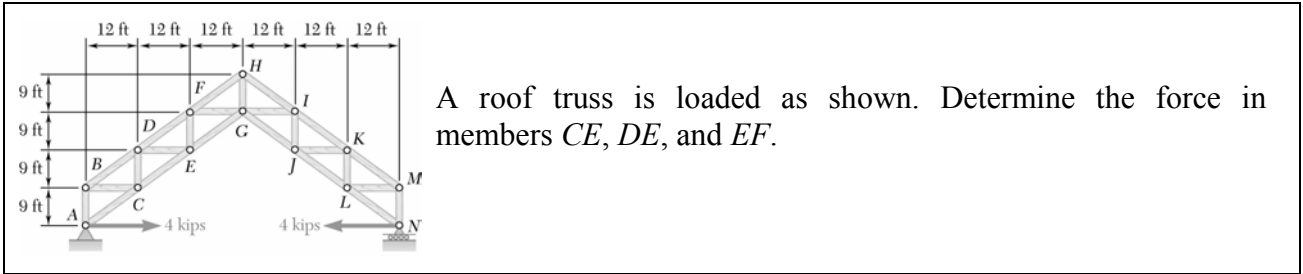
**Chapter 6, Problem 42.**



**Chapter 6, Problem 50.**



**Chapter 6, Problem 52.**



A roof truss is loaded as shown. Determine the force in members  $CE$ ,  $DE$ , and  $EF$ .

**Chapter 6, Problem 62.**

