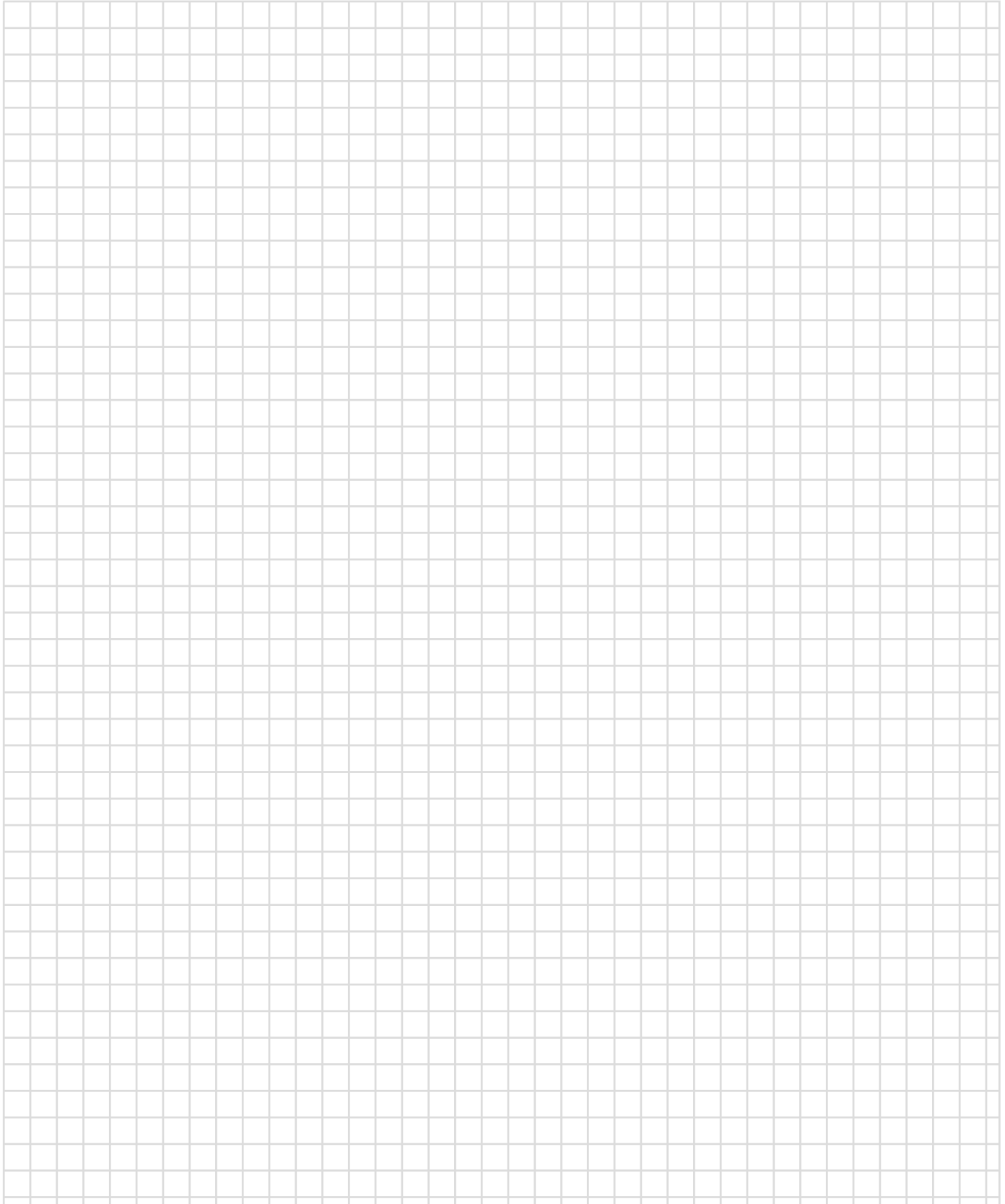


15-11

Select a solid, rectangular, Eastern hemlock beam section for a 16-ft simple span carrying a superimposed uniform load of 800 lb/ft.

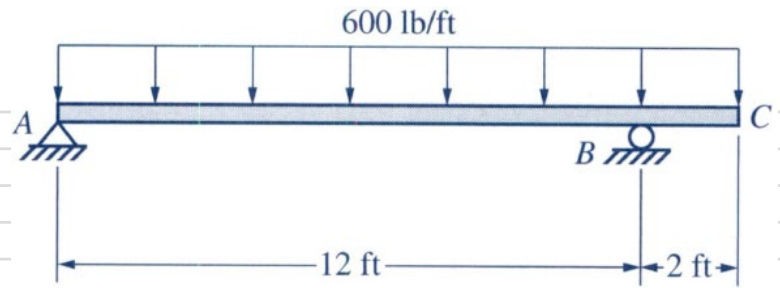
Solution.



15-14

Select the lightest, rectangular California redwood section for an overhanging beam with the superimposed uniform load shown in Fig. P15-14.

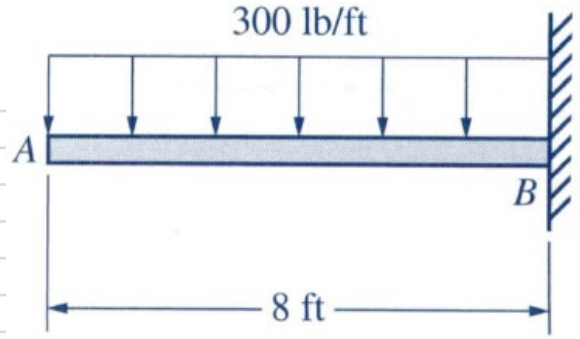
Solution.



15-15

Select the lightest, rectangular Douglas fir section for the cantilever beam subjected to the loading shown in Fig. P15-15.

Solution.



15-18

Select the lightest, rectangular Southern pine section for the overhanging beam subjected to the loading shown in Fig. P15-18. The weight of the beam is already included in the uniform load.

Solution.

