

A simple truss has a hinge (pin) support at *A*. Member *BC* is a “short link”. The beam *GF* is suspended from the truss by cables attached at points *H* and *E*. The beam supports the distributed load shown and a point load of 10 kN . Determine:

- The reactions at supports *A* and *B*,
- The tensions in cables *HG* and *EF*, and
- The force in each member of the truss and state whether the member is in tension, compression or a zero force member. **PLACE YOUR RESULTS ON THE FIGURE PROVIDED.**

