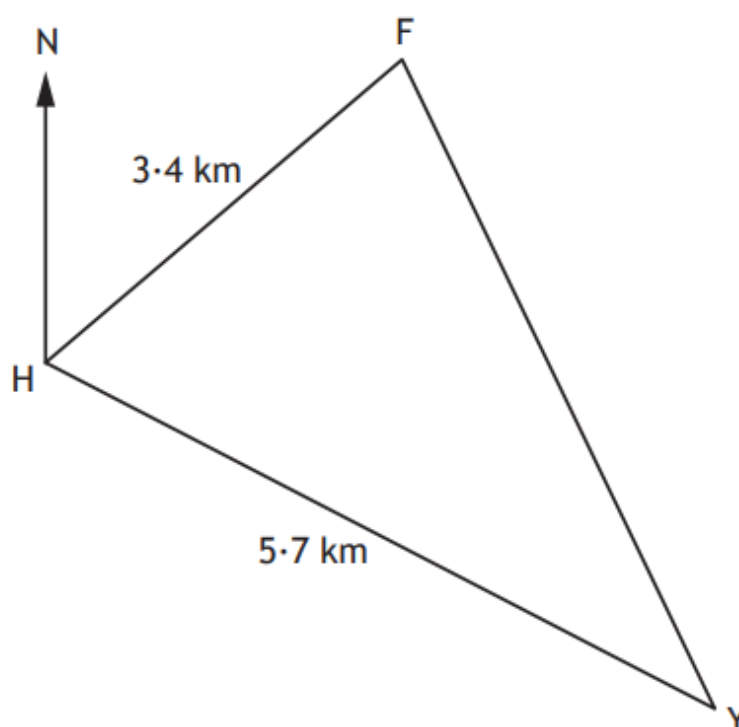


A fishing boat and a yacht left a harbour at the point H.

The fishing boat travelled 3.4 kilometres on a bearing of  $047^\circ$  to the point F.

The yacht travelled 5.7 kilometres on a bearing of  $115^\circ$  to the point Y.



Calculate the distance between the fishing boat at F and the yacht at Y.

4

Answer:

5.4 km