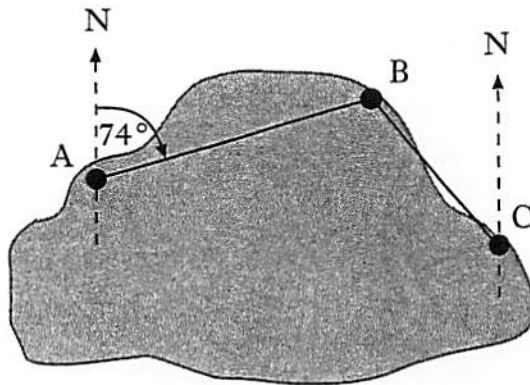


Bearings (Credit Past Paper quest 2003 – 2007)

(C)

6. (a) There are three mooring points A, B and C on Lake Sorling.

(P2)



From A, the bearing of B is 074° .

From C, the bearing of B is 310° .

Calculate the size of angle ABC.

(b) B is 230 metres from A and 110 metres from C.

Calculate the direct distance from A to C.

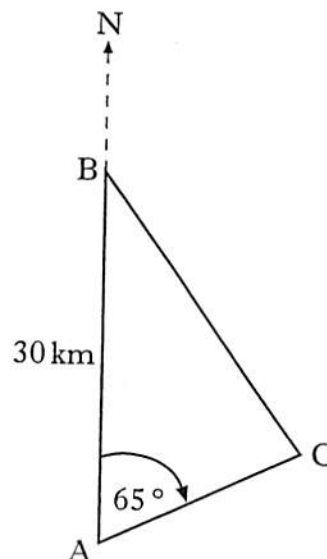
Give your answer to **3 significant figures**.

(D)

6. Brunton is 30 kilometres due North of Appleton.

(P2) From Appleton, the bearing of Carlton is 065° .

From Brunton, the bearing of Carlton is 153° .



Calculate the distance between Brunton and Carlton.

KU	RE
	2
	4

RE
4