

1. Write down the bearing of the boat from the lighthouse in each of the following. Give each answer as a three figure bearing.

(a)



(b)



(c)



(d)



2.

A X

X B

- (a) Find the bearing of B from A.
 (b) Find the bearing of A from B.

Use the scale 1cm represents 20miles.

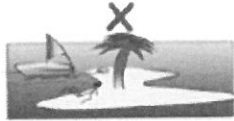
(c) From your diagram, work out the real distance between A and B.

C is 140 miles from B on a bearing of 110° .

(d) On your diagram, mark C with a cross.

Bearings

There are 8 boats in the sea around an island. Use the cross below to represent the island. Use a scale of 1cm = 1km and mark the position accurately of each boat.



- (a) Boat 1 is 4 km from the island on a bearing of 080°
- (b) Boat 2 is 3 km from the island on a bearing of 016°
- (c) Boat 3 is 5 km from the island on a bearing of 111°
- (d) Boat 4 is 5.5 km from the island on a bearing of 308°
- (e) Boat 5 is 3.5 km from the island on a bearing of 055°
- (f) Boat 6 is 6 km from the island on a bearing of 214°
- (g) Boat 7 is 6 km from the island on a bearing of 199°
- (h) Boat 8 is 5 km from the island on a bearing of 154°