**Bearings and Scale Diagrams**



Using a scale of 1 cm to 2 km, find the distance and bearings of the following:

(a) Rochdale from Bury

(b) Prestwich from Bury

(c) Edenfield from Bury

(d) Bolton from Bury

Using the same scale diagram, find the bearing of:

(a) Bury from Edenfield

(b) Bury from Rochdale

A ship sails from a port on a bearing of 100o for 50 km. It then turns and sails on a bearing of 240o for 80 km. Using a scale of 1 cm to 10 km, draw a scale diagram. Find the distance of the ship from the port, and the bearing it must head on to return to the port.

(a) The bearing of B from A is 110o. Find the bearing of A from B.

(b) The bearing of B from A is $x°$. Find the bearing of A from B.

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