

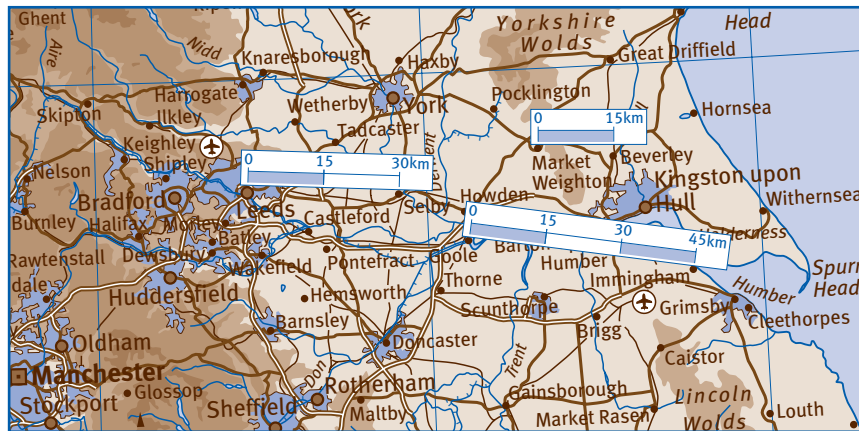
## 22 Estimating distance

Here is an extract from the topographic map from the atlas page 13.  
On this map one centimetre represents 15 kilometres on the ground.

It is approximately 15km from Market Weighton to Beverley.

It is approximately 30km from Leeds to Selby.

It is approximately 45km from Goole to Immingham.



- 1** Look at the map on pages 14-15 of the atlas and find the places in this table. Estimate the distance between pairs of places and put a tick by the closest estimate.

The distance between <b>Brighton</b> and <b>Worthing</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km
The distance between <b>Brighton</b> and <b>Eastbourne</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km
The distance between <b>Norwich</b> and <b>Great Yarmouth</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km
The distance between <b>Peterborough</b> and <b>Cambridge</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km

- 2** Look at the map on pages 12-13 of the atlas and find the places in this table. Estimate the distance between pairs of places and put a tick by the closest estimate.

The distance between <b>Liverpool</b> and <b>Manchester</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km
The distance between <b>Newcastle upon Tyne</b> and <b>Sunderland</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km
The distance between <b>Belfast</b> and <b>Newtownards</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km
The distance between <b>Darlington</b> and <b>Whitby</b> is:	<input type="checkbox"/> 15km	<input type="checkbox"/> 30km	<input type="checkbox"/> 45km	<input type="checkbox"/> 90km

- 3** Look at the map on page 36 of the atlas and find the places in this table. **Notice that the scale of this map is different.** Estimate the distance between pairs of places and put a tick by the closest estimate.

The distance between <b>Naples</b> and <b>Salerno</b> is:	<input type="checkbox"/> 50km	<input type="checkbox"/> 100km	<input type="checkbox"/> 150km	<input type="checkbox"/> 200km
The distance between <b>Rome</b> and <b>Pescara</b> is:	<input type="checkbox"/> 50km	<input type="checkbox"/> 100km	<input type="checkbox"/> 150km	<input type="checkbox"/> 200km
The distance between <b>Milan</b> and <b>Padua</b> is:	<input type="checkbox"/> 50km	<input type="checkbox"/> 100km	<input type="checkbox"/> 150km	<input type="checkbox"/> 200km
The distance between <b>Bari</b> and <b>Brindisi</b> is:	<input type="checkbox"/> 50km	<input type="checkbox"/> 100km	<input type="checkbox"/> 150km	<input type="checkbox"/> 200km

- 4** Look at the map on pages 62-63 of the atlas and find the places in this table. **Notice that the scale of this map is different again.** Estimate the distance between pairs of places. Write your estimated distance in the table.

The distance between <b>São Paulo</b> and <b>Rio de Janeiro</b> is:	<input type="text" value="-----"/> km
The distance between <b>Buenos Aires</b> and <b>Montevideo</b> is:	<input type="text" value="-----"/> km
The distance between <b>Asunción</b> and <b>Curitiba</b> is:	<input type="text" value="-----"/> km
The distance between <b>Manaus</b> and <b>Santarém</b> is:	<input type="text" value="-----"/> km