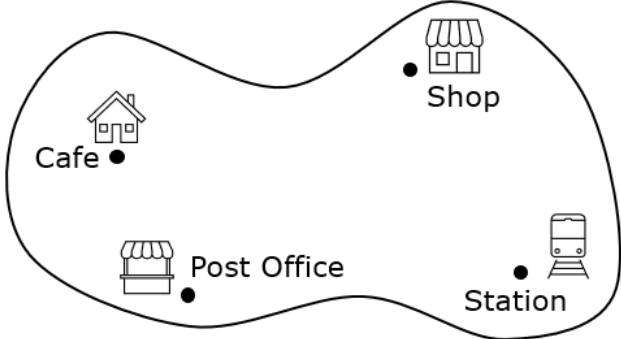
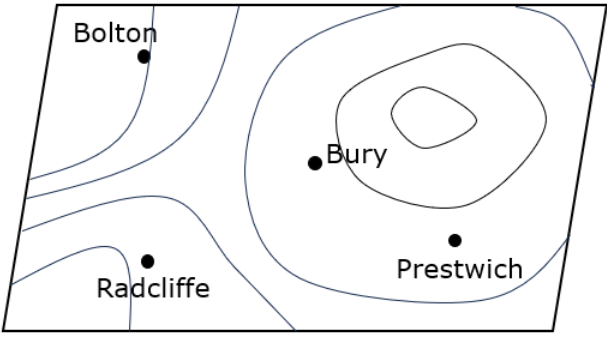
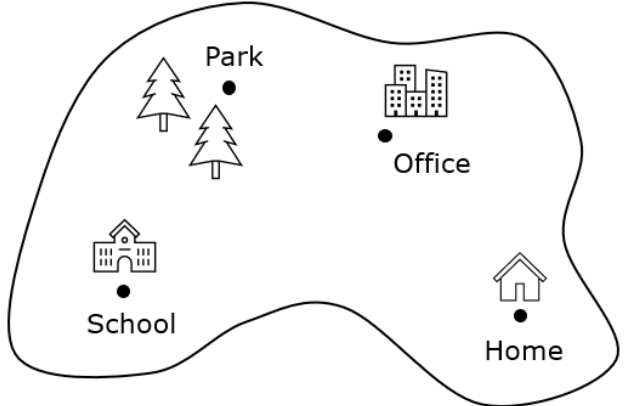


Using Map Scales

(a)	(b)	(c)
This map has a scale of $1\text{ cm} : 10\text{ m}$	This map has a scale of $1\text{ cm} : 4\text{ km}$	This map has a scale of $2\text{ cm} : 5\text{ miles}$
 <p>A map with a scale of 1 cm : 10 m. It shows four locations: a Cafe (house icon), a Shop (shop icon), a Post Office (post office icon), and a Station (train icon).</p>	 <p>A map with a scale of 1 cm : 4 km. It shows four locations: Bolton, Radcliffe, Bury, and Prestwich. The map includes contour lines and a river.</p>	 <p>A map with a scale of 2 cm : 5 miles. It shows four locations: Park (trees icon), Office (office building icon), School (school icon), and Home (house icon).</p>
(i) What is the actual distance from the shop to the station?	(i) Find the distance from Prestwich to Radcliffe in km.	(i) What is the actual distance from the office to the school?
(ii) What is the actual distance from the café to the post office?	(ii) Find the distance from Radcliffe to Bury in km.	(ii) What is the actual distance from the school to the park?
(iii) What is the actual distance from the station to the cafe?	(iii) Find the distance from Bolton to Radcliffe in km.	(iii) What is the actual distance from home to the park ?
(iv) Aidan walks from the cafe to the post office and then to the station. How far has he walked in metres?	(iv) A delivery van goes from Bolton to Bury, and then on to Prestwich. How far has the van travelled?	(iv) Fatima travels from home to school, then to the park before returning home again. How far has she travelled?