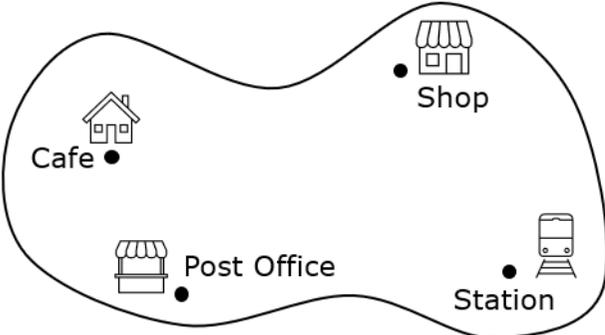
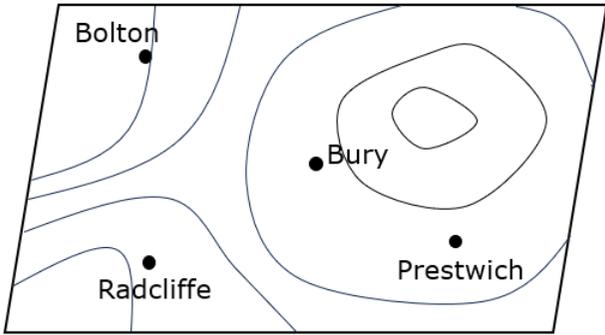
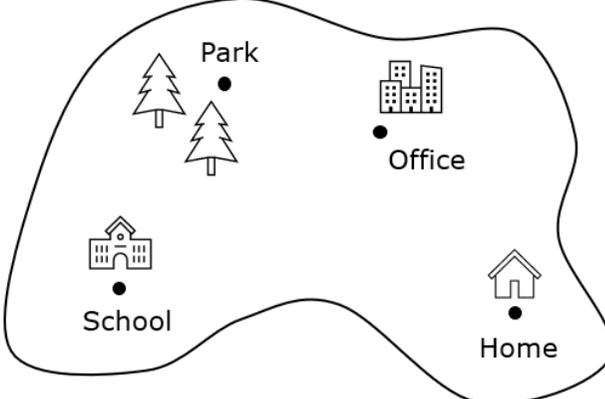


## Using Map Scales

(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 Café (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>
<p>(i) What is the actual distance from the shop to the station?</p> <p style="text-align: center;"><b>30 m</b></p>	<p>(i) Find the distance from Prestwich to Radcliffe in km.</p> <p style="text-align: center;"><b>16 km</b></p>	<p>(i) What is the actual distance from the office to the school?</p> <p style="text-align: center;"><b>10 miles</b></p>
<p>(ii) What is the actual distance from the café to the post office?</p> <p style="text-align: center;"><b>20 m</b></p>	<p>(ii) Find the distance from Radcliffe to Bury in km.</p> <p style="text-align: center;"><b>10 km</b></p>	<p>(ii) What is the actual distance from the school to the park?</p> <p style="text-align: center;"><b>7.5 miles</b></p>
<p>(iii) What is the actual distance from the station to the café?</p> <p style="text-align: center;"><b>55 m</b></p>	<p>(iii) Find the distance from Bolton to Radcliffe in km.</p> <p style="text-align: center;"><b>10.8 km</b></p>	<p>(iii) What is the actual distance from home to the park ?</p> <p style="text-align: center;"><b>12 miles</b></p>
<p>(iv) Aidan walks from the café to the post office and then to the station. How far has he walked in metres?</p> <p style="text-align: center;"><b>66 m</b></p>	<p>(iv) A delivery van goes from Bolton to Bury, and then on to Prestwich. How far has the van travelled?</p> <p style="text-align: center;"><b>18.8 km</b></p>	<p>(iv) Fatima travels from home to school, then to the park before returning home again. How far has she travelled?</p> <p style="text-align: center;"><b>30 miles</b></p>