

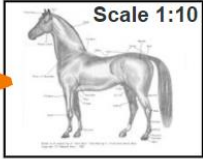

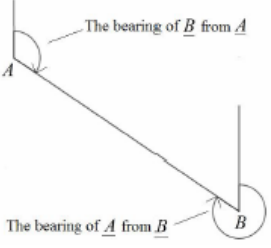


## Topic: Bearings and Scale Diagrams

Topic/Skill	Definition/Tips	Example
1. Scale	The <b>ratio</b> of the <b>length</b> in a <b>model</b> to the length of the <b>real</b> thing.	   <p>Real Horse 1500 mm high 2000 mm long</p> <p>Drawn Horse 150 mm high 200 mm long</p>
2. Scale (Map)	The <b>ratio</b> of a <b>distance on the map</b> to the actual <b>distance in real life</b> .	<p>1 in. = 250 mi 1 cm = 160 km</p> 
3. Bearings	<ol style="list-style-type: none"> <li>1. Measure from <b>North</b> (draw a North line)</li> <li>2. Measure <b>clockwise</b></li> <li>3. Your answer must have <b>3 digits</b> (eg. 047°)</li> </ol> <p>Look out for where the bearing is measured <u>from</u>.</p>	
4. Compass Directions	<p>You can use an acronym such as '<b>Never Eat Shredded Wheat</b>' to remember the order of the compass directions in a clockwise direction.</p> <p>Bearings: <math>NE = 045^\circ</math>, <math>W = 270^\circ</math> etc.</p>	