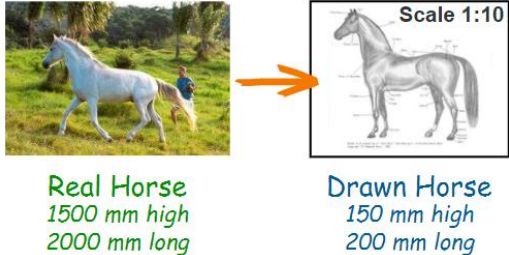
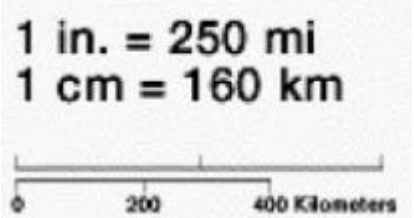
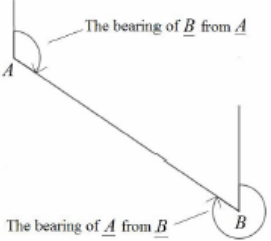


## Topic: Bearings and Scale Diagrams

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> <p>0 200 400 Kilometers</p>
3. Bearings	1. Measure from <b>North</b> (draw a North line) 2. Measure <b>clockwise</b> 3. Your answer must have <b>3 digits</b> (eg. 047°)  Look out for where the bearing is measured <u>from</u> .	
4. Compass Directions	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.  Bearings: $NE = 045^\circ$ , $W = 270^\circ$ etc.	