

## CONSTRUCTIONS

Name:

Assessment Criteria: Use straight edge and compasses to do standard constructions

*Make sure that you leave your construction lines in!*

1. Construct a perpendicular bisector of the points A and B.

A ×

× B

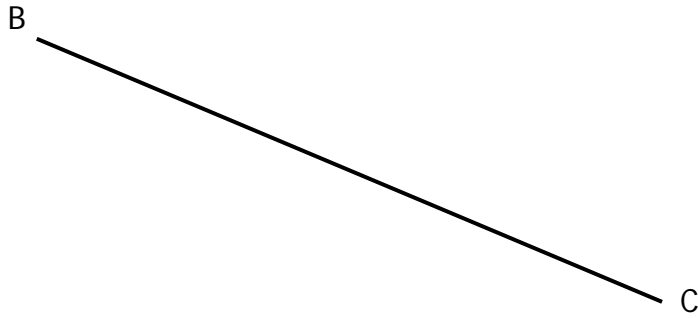
2. Without using a protractor, and using the right angle here as a starting point, construct an angle of  $45^\circ$ .



3. Using a scale of 1 cm for every 1 km, construct the locus of all points 3 km from the phone transmitter situated at point marked with an ×.

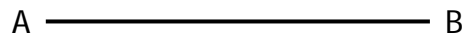
×

4. Construct a line through the point labelled 'A', and perpendicular to the line BC.



A ×

5. Show the locus of all points exactly 2 cm away from the line AB.



Overall, I think my success level is:

Low                      High

Q	CONSTRUCTIONS	😊	☹
	I can construct a perpendicular bisector		
	I can construct an angle bisector		
	I can construct a line through a point and perpendicular to another line		
	I can draw simple loci using construction		

I need to practise ...