



## Map Co-ordinates

The Church with a Tower in Bishop's Tachbrook is

# 314614

**Eastings** First (Vertical Lines) - 31 - How many large blue grid squares it is along. The first 4 represents how many tenths of a square it is along. Think of it as

31.4 across

**Northings** Second (Horizontal Lines) - 61 - How many large blue grid squares it is up. The last 4 represents how many tenths of a square it is up. Think of it as

61.4 up

Now try completing the tables below using your Ordnance Survey Leaflet. Just fill in all the missing parts.

Remember: **Across then Up**

Feature	Co-ordinate	Other Symbols In Same 'Square'
Cart Common	17 78	Telephone, Church with Spire, Spot Height, Secondary Road, Mixed Wood
Little Afton		
Penn's Place		
Paynes Wood		
	13 75	
	13 81	
	17 81	
		Wildlife Centre, Telephone, Footpath, Secondary Road, River

Feature	6 Figure Co-ordinate
Church in Brackenbridge	<b>136797</b> (in square 1379....estimate 6 across square and 7 up)
Woody End	155788
Church in little Polt (top left)	
Radio Mast (nr Abbots Wood, top centre)	
Church (top right near railway)	
	16 1 75 5
	189799
	175813

# Compass Bearings

To take a bearing of B from A (don't worry about what type at the moment):

Place the map on a flat surface and place the compass on top. Don't worry which way it is facing.

Make sure there is nothing to 'distract' the compass... make sure you are not near any metal, overhead power lines etc..

Line the edge of the compass up with the two points. Make sure it is facing in the direction you want to go (I.e. from where you are, A, to where you want to go, B).

Now rotate the dial on the compass so that the faint azimuth lines on the dial (ignore the swinging needle pointer, we don't need it here) are pointing up the map and are in line with the vertical blue grid lines on the map.

Now pick up the compass and read what the number says at the direction of travel arrow (at the top end of the compass...there will be a black, red or coloured line under the dial).

Be careful...on most compasses each small line is worth 2 degrees.

This number is the bearing of B from A.

For example: On your sheet look at the Church in Great Afton (184762) and the church in Cart Common (174785). To get from the Great Afton church to the other one, line up the edge of the compass. Make sure the compass is pointing towards Cart Common. Rotate the dial so that the faint lines on the dial line up with the blue grid lines. Read the number at the top of the dial. It should say something like 335 degrees.

Try the bearings in the table below. If you are not sure ask for help.

From	To	Bearing
Church in Great Afton (174762)	Church in Cart Common (174785)	335°
Stephens Farm (161792)	Manorial Earthworks (175813)	
Trig. Point (162808)	Tumulus (189799)	
Water Tower (224783)	Post Office (179771)	
Brackenbridge Church (136797)	Slapton (163772)	