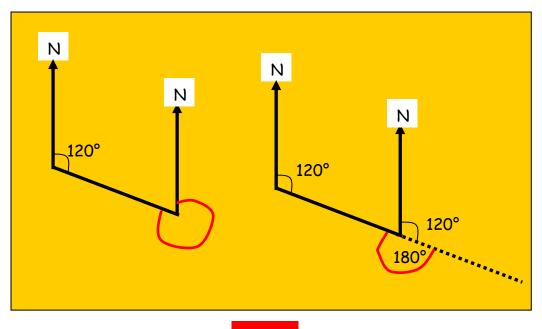
Trigonometry.

You should be able to:

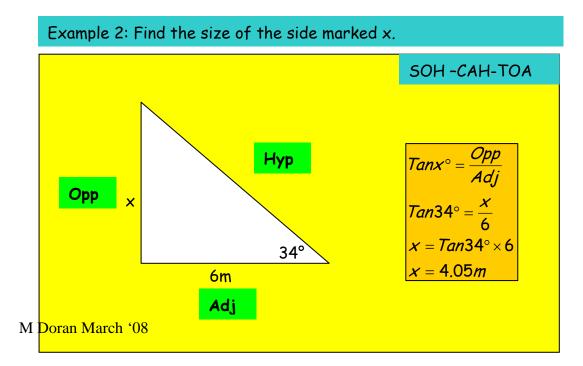
Measure the bearing of B **from** A Use the Sine, Cosine & Tangent Rules for Right angled triangle.

Example 1: Find the bearing of B from A in the following diagram.



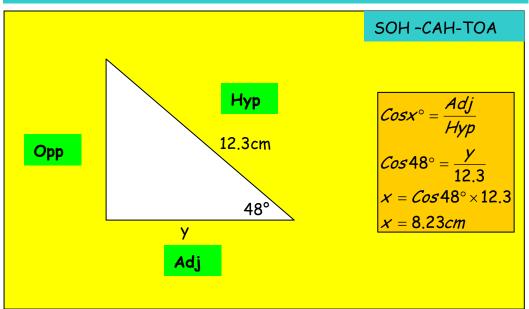
300°

In the diagrams above we are looking for the 3 figure bearing of B **from** the position of A. To do this, we extend our line to make an F angle. And then use our knowledge of Corresponding angles to find the total angle marked with a red line.



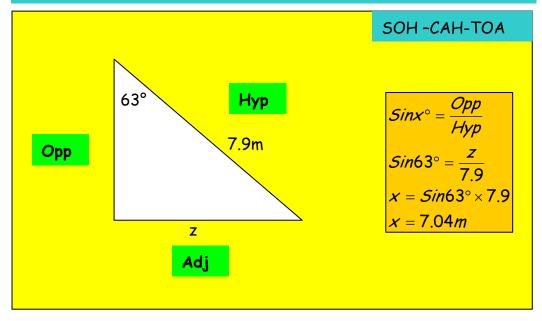
Remember when working with trigonometry, you must first label your sides. And then use this to decide which of the trig ratios you must use from SOH-CAH-TOA.

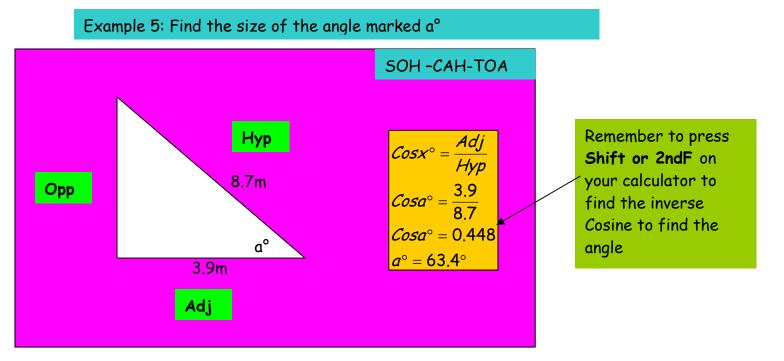




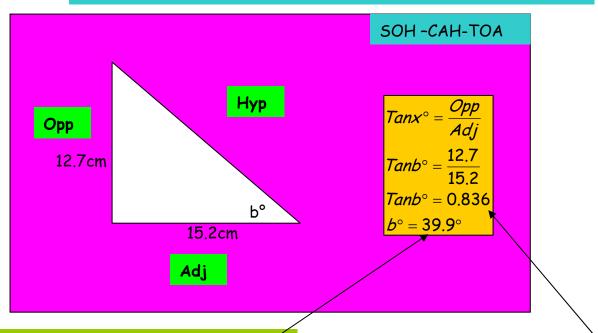
Don't forget that when finding the size of a side, you must round to 2 decimal places unless told otherwise.







Example 6: Find the size of the angle marked b°



Remember to always give angle to 1 decimal place unless otherwise stated.

To save the mistake of rounding too early at this stage when you divide the sides before finding the angle, you should round to 3 decimal places. Better still, keep the value on your calculator and find the angle from that.

