Example 3   Let's find the sin B, cos B, and the tan B
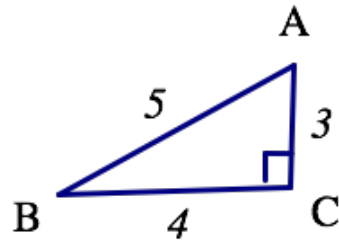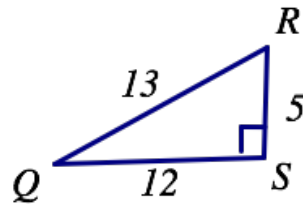
A

5

3

B   4   C

Remember SOHCAHTOA.

sin B = 3/5   cos B = 4/5   tan B = 3/4

Was that hard? Of course not. Using the same triangle, find the sin A, cos A, and tan A.

sin A = 4/5   cos A = 3/5   tan A = 4/3

Example 4   Find the sin, cos, and tan for angles Q and R.

Using SOHCAHTOA

sin Q = 5/13   sin R = 12/13
cos Q = 12/13   cos R = 5/13
tan Q = 5/12   tan R = 12/5