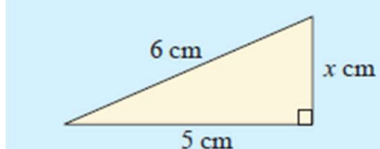


Name:

Trigonometry Quiz

Q1) Write down Pythagoras' Theorem:

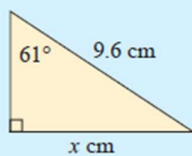
Q2) Find the length of the third side of:



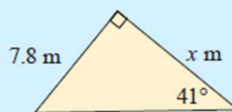
Q3) Draw the SohCahToa Triangles:

Q4) Find the unknown length in the following triangles:

a

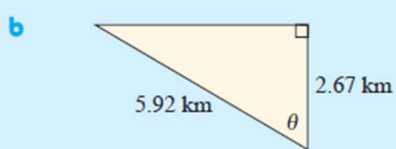
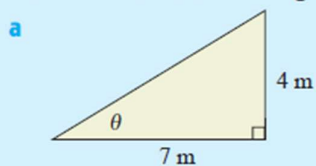


b

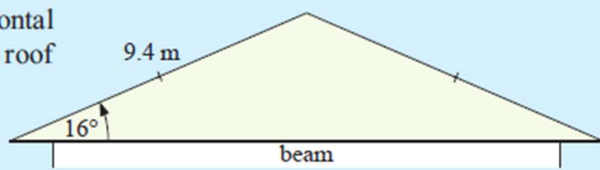


Name:

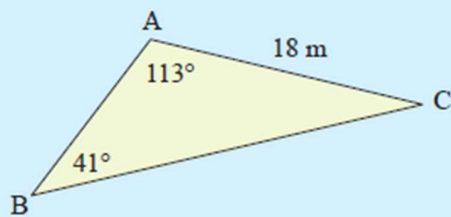
Q5) Find the measure of the angle marked θ in:



Q6) Determine the length of the horizontal roofing beam required to support a roof of pitch 16° as shown alongside:



Q7) Find the length of side [BC], correct to 2 decimal places:



8) **Example 17**

Find, correct to 2 decimal places, the length of [BC].

