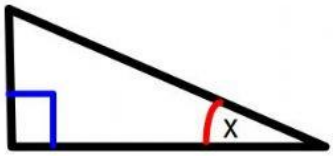
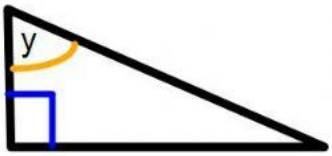
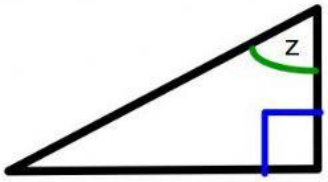
Trigonometry

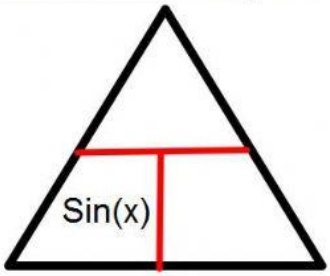
1) Instruction: Label the sides of the three right angle triangles
(Use the letters **O - Opposite, A- Adjacent and H - Hypotenuse**)

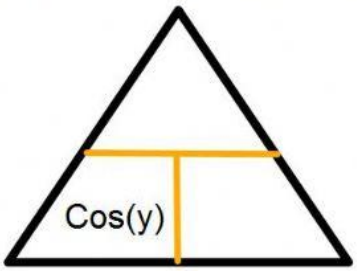


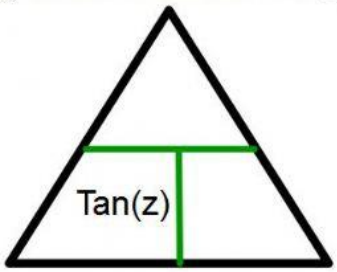




2) Instruction: Complete the **formula** triangles for each **trigonometric** function





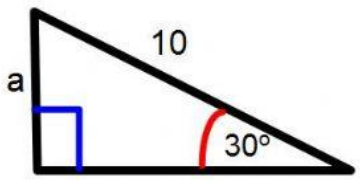


3) Instruction: Drag and drop the steps for using trigonometry to their **correct order**

Step No.	Steps
1)	Identify which of the SOHCAHTOA you would need to use
2)	Write down your chosen formula e.g. Sin(x) = O/H
3)	Substitute the values and calculate
4)	Missing Angles only (Use the inverse function) e.g. $Cos^{-1}(0.5)$
5)	Round to a suitable figure e.g. 3sf
6)	Label the sides O, H and A

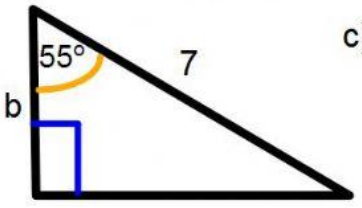
4) Instruction: Apply the appropriate trigonometric function to find the **missing side** (Round answers to 3sf where appropriate)

a)



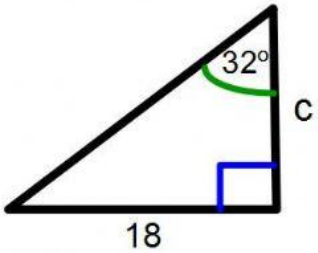
a =

b)



b =

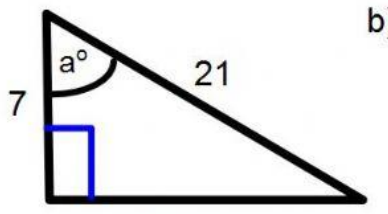
c)



c =

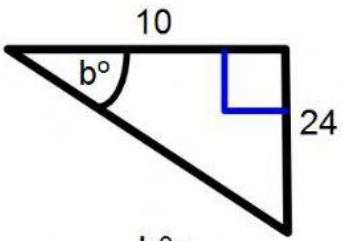
5) Instruction: Apply the appropriate trigonometric function to find the **missing angle** (Round answers to 3sf where appropriate)

a)



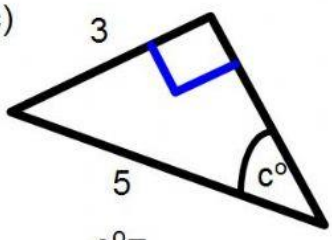
a^o=

b)



b^o=

c)



c^o=

Click Finish and then Check my Answers to review your work