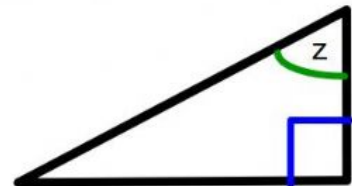
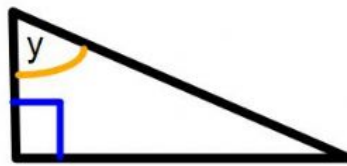
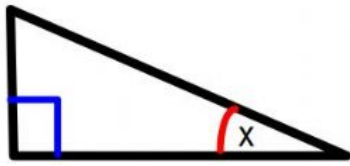
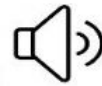
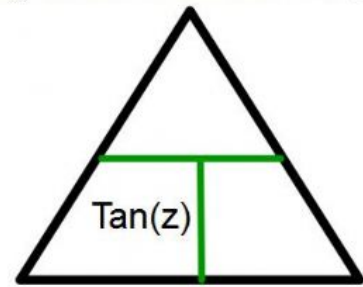
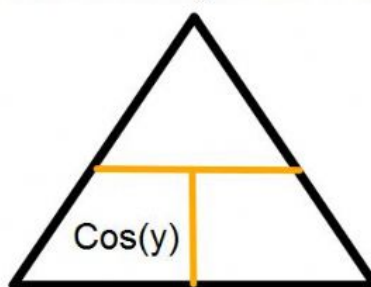
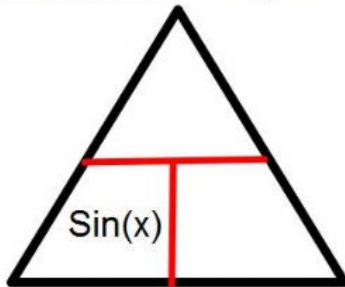
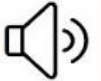


Trigonometry

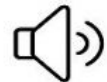
1) Instruction: Label the sides of the three right angle triangles
(Use the letters **O** - **Opposite**, **A**- **Adjacent** and **H** - **Hypotenuse**)



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



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

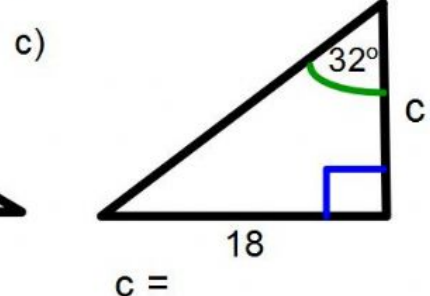
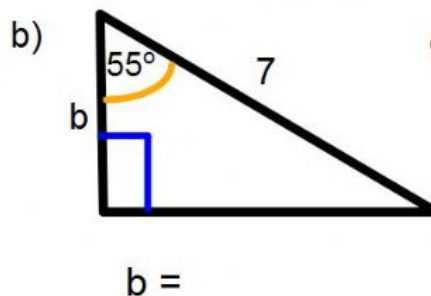
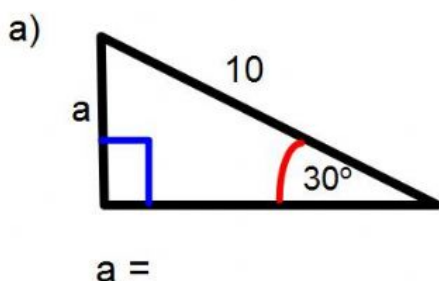


Step No.

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)



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

