

CLF Year 11

Twelve Days of Christmas

Maths Higher

Formula for the perfect Christmas tree.

 <p>Length of Tinsel (in cm)</p> $\frac{13 \times \pi}{8} \times \text{Tree height (in cm)}$	 <p>Number of baubles</p> $\frac{\sqrt{17}}{20} \times \text{Tree height (in cm)}$	 <p>Length of lights (in cm)</p> $\pi \times \text{Tree height (in cm)}$
 <p>Height of star (in cm)</p> $\frac{\text{Tree height (in cm)}}{10}$	 <p>Merry Christmas from The University of Sheffield</p> <p>www.sheffield.ac.uk</p>	

With thanks to our friends at SUMS

Happy xmas

Student Name

Maths Teacher.....

Academy.....