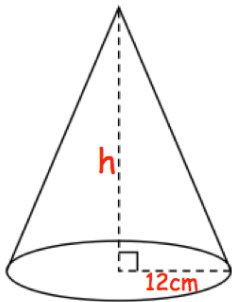


30th August



$$W = \frac{20(a + c)}{c}$$

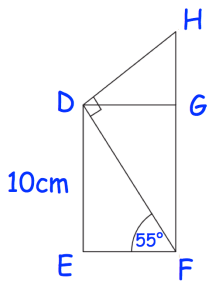
Make c the subject.



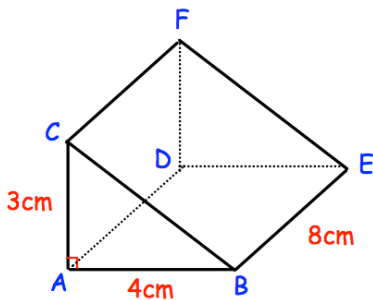
The volume of the cone  $500\text{cm}^3$   
Find h

Solve, giving your answers to one decimal place.

$$x^2 - x - 11 = 0$$



DE = 10cm  
Angle DFE =  $55^\circ$   
Find the length of DH



Shown below is a triangular prism.  
Triangle ABC is a right angled triangle.  
Find the length of CE.