

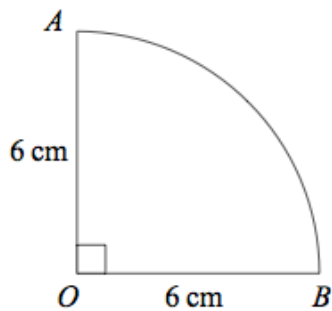
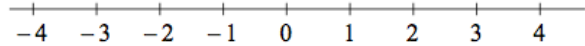
4th February



Corbettmaths

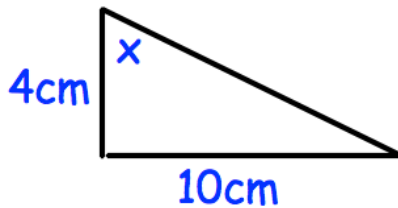
Solve  $4x - 1 < 7$ 

Represent the answer on the number line



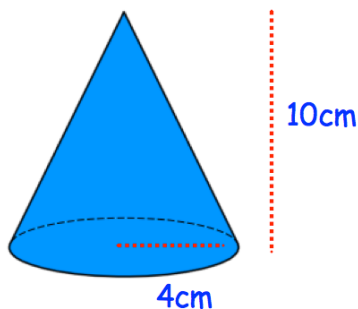
Calculate the area of this sector.

Shown is a right angled triangle

Find  $x$ 

Solve the simultaneous equations

$$\begin{aligned} 2x + y &= 21 \\ x - 2y &= 8 \end{aligned}$$



Calculate the volume of the cone.