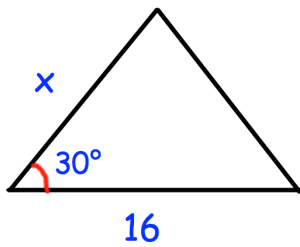


4th July



Corbettmaths



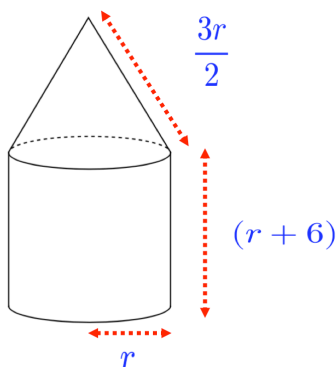
Find the area of the triangle in terms of x .

Prove the sum of the squares of any two consecutive even numbers is always a multiple of 4.

Make q the subject of

$$\frac{p}{qr} = 2 + \frac{1}{r}$$

A cone and cylinder are joined to make a solid



Show the total surface area of the solid is $\frac{3\pi r}{2}(3r + 8)$