

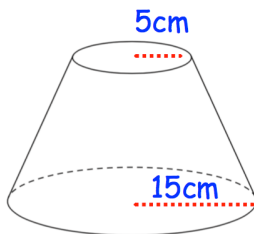
8th August

Corbettmaths

Simplify

$$(\sqrt{32} + 7\sqrt{2})^2$$

A frustum is made from cutting a small cone from the top of a larger cone.
The larger cone was 21cm tall.



Calculate the surface area of the frustum

Work out the exact answer of

$$\tan 30^\circ + \tan 60^\circ$$

Factorise

$$6x^2 - 35xy + 49y^2$$