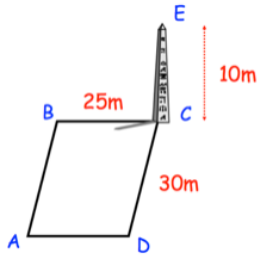


4th October



Corbettmaths

Estimate $\sqrt[4]{800}$ 

Calculate the length of AE

Solve $5y^2 + 8y - 100 = y^2 + 4y - 37$ Expand $\sqrt{3}(\sqrt{5} + \sqrt{2})$

Two solids are mathematically similar.
 The surface area of the smaller solid is $42\pi \text{ cm}^2$
 The surface area of the larger solid is $1512\pi \text{ cm}^2$
 The height of the larger solid is 96cm.

Work out the height of the smaller solid.