

Dr Oliver Mathematics
Worked Examples
Mensuration 2

From: IGCSE 2012 January Paper 4H Q20: Calculator

1. A solid cone has a slant height of 9 cm.

(5)

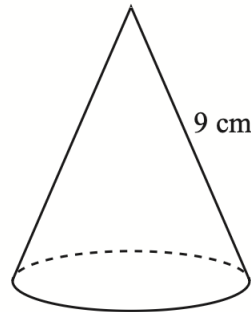


Diagram **NOT**
accurately drawn

The **curved** surface area of the cone is 100 cm^2 .

Calculate the volume of the cone.

Give your answer correct to 3 significant figures.