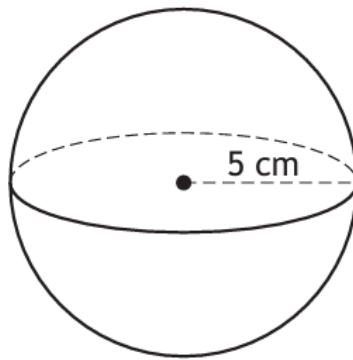


National 5 Maths
QS 2026 Paper 2
Question 6

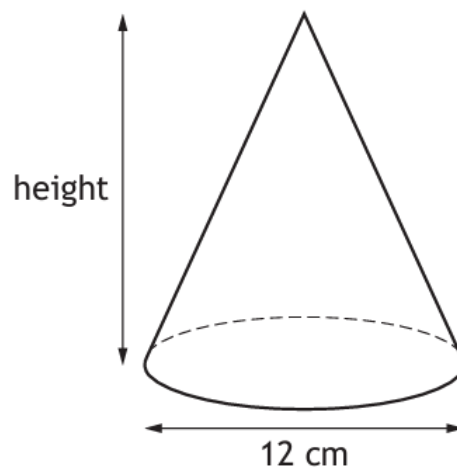
A sphere has radius 5 centimetres.



(a) Calculate the volume of the sphere.

2

This cone has the same volume as the sphere.



The base of the cone has diameter 12 centimetres.

(b) Calculate the height of the cone.

3

Answers:

(a) 523.6 cm^3

(b) 13.9 cm