

Name:

Exam Style Questions

Surface Area of a Frustum



Corbettmaths

Equipment needed: Calculator, Pen

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

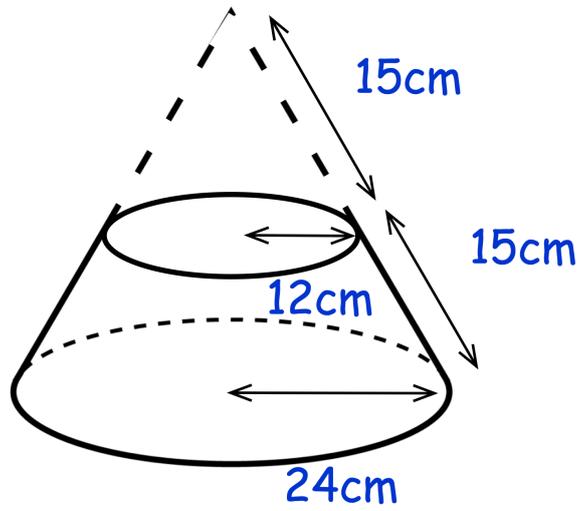
Video 314a



Answers and Video Solutions



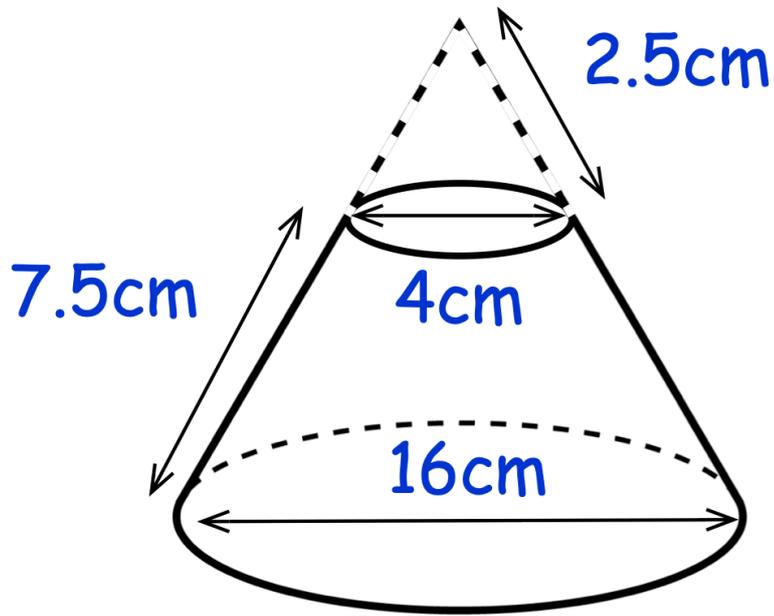
1. A frustum is made by removing a small cone from a larger cone.



Calculate the surface area of the frustum.

.....cm²
(4)

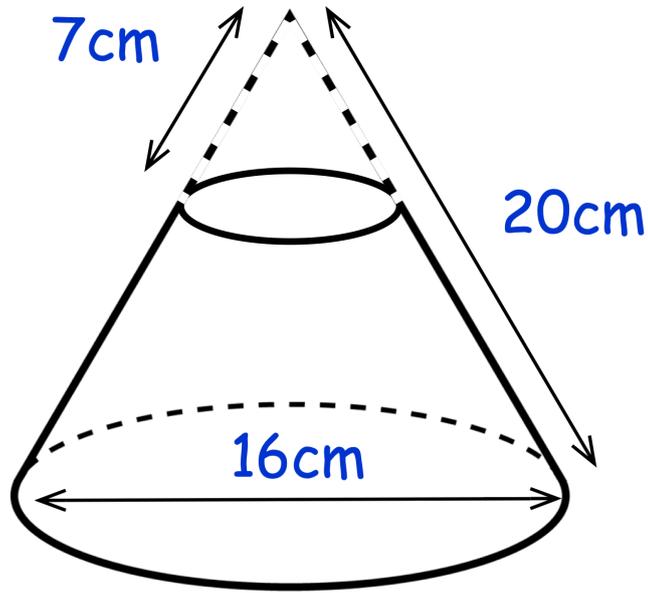
2. A frustum is made by removing a small cone from a larger cone.



Find the surface area of the frustum.

.....cm²
(4)

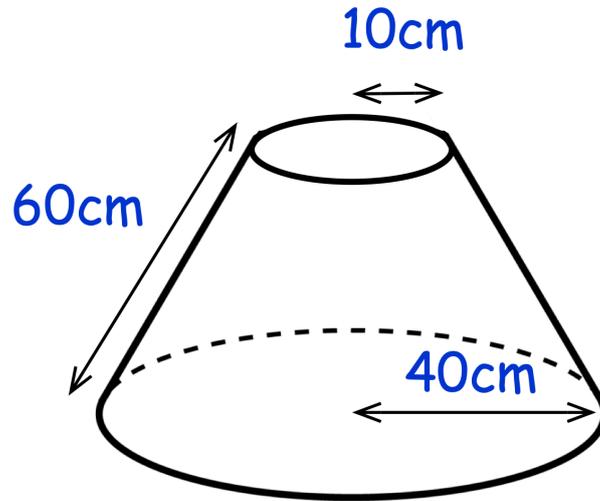
3. A frustum is made by removing a small cone from a larger cone.



Calculate the surface area of the frustum.

.....cm²
(5)

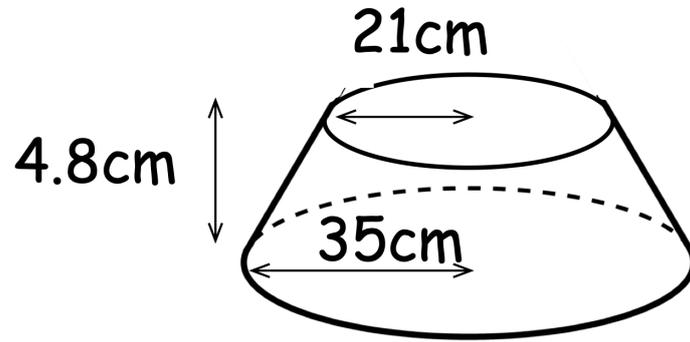
4. Shown below is a frustum of a cone.



Find the surface area of the frustum.
Leave your answer in terms of π

.....cm²
(5)

5. Shown is a frustum of a cone.



Find the surface area of the frustum.

.....cm²
(5)