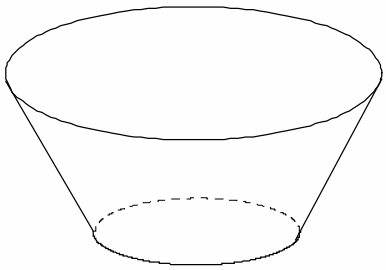
Finding the volume and surface area of frustums and cones (8 cards)

Card 1

2547

The frustum shown has diameters of 10 cm and 6 cm at its ends and a depth of 4 cm. Calculate it's volume.



17 19

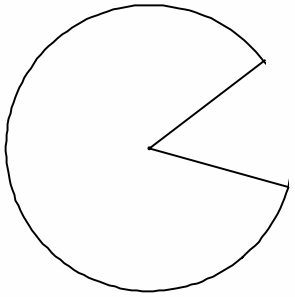
Set 11

???

Card 2

191

A sector with an angle of 65° is cut from a circle of radius 10 cm. The straight edges of the remaining piece are joined to form a cone. What is the volume of the cone ?



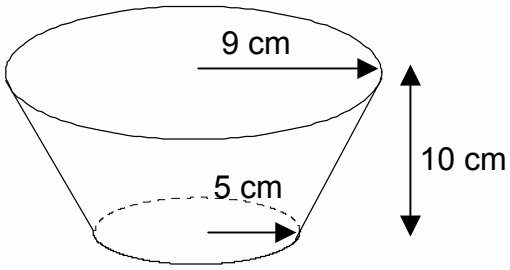
17 19

Set 11

???

Card 3

403



Calculate the surface area of the frustum shown.

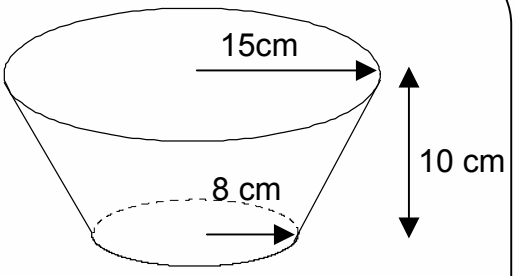
17 19

Set 11

???

Card 4

1411



Calculate the volume

17 19

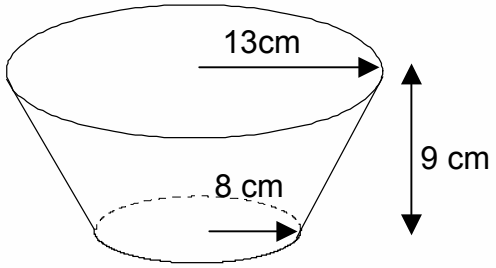
Set 11

???

Card 5

539

Calculate the surface area of the frustum shown below



17 19

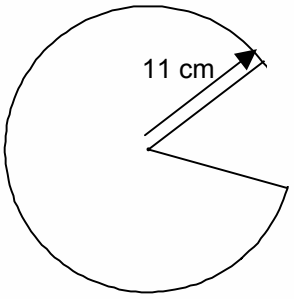
Set 11

???

Card 6

205

A sector with an angle of 75˚ is cut from a circle. The straight edges of the remaining piece are joined to form a cone and a base is added. What is the surface area of the cone ?



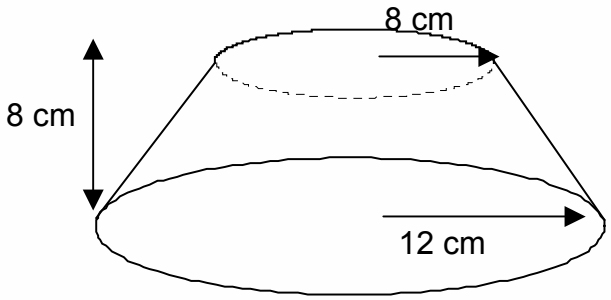
17 19

Set 11

???

Card 7

807



Calculate the volume of the frustum

17 19

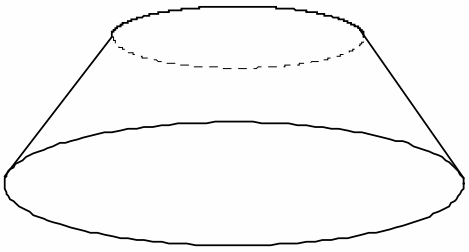
Set 11

???

Card 8

4283

The frustum shown has diameters of 8 cm and 6 cm at its ends and a depth of 5 cm. Find it's surface area



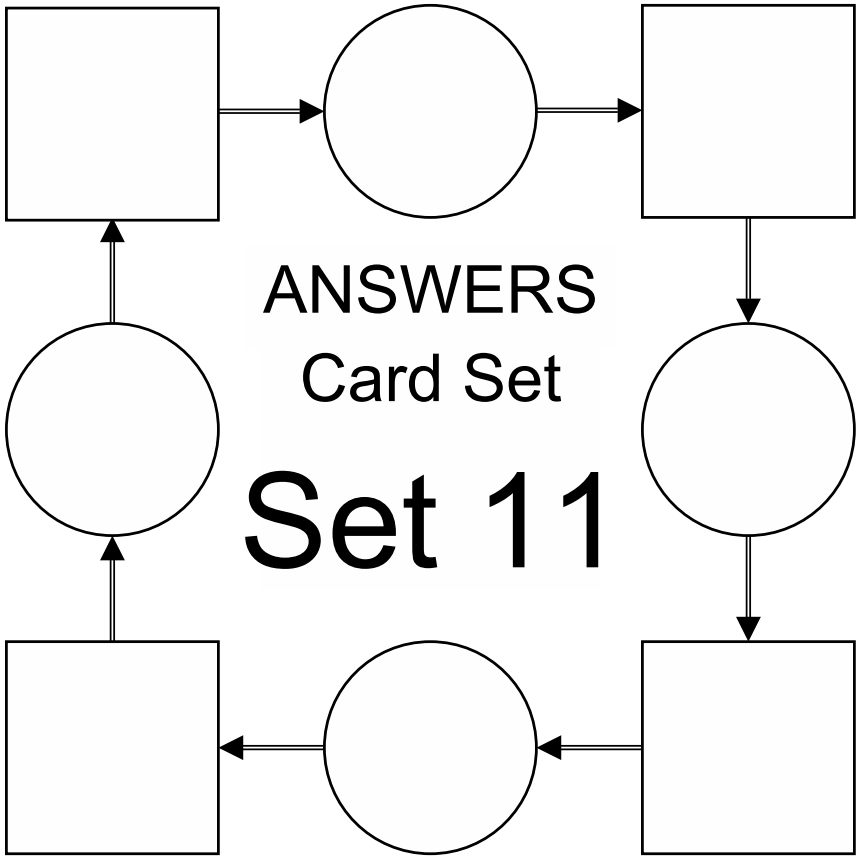
17 19

Set 11

???

Name .....

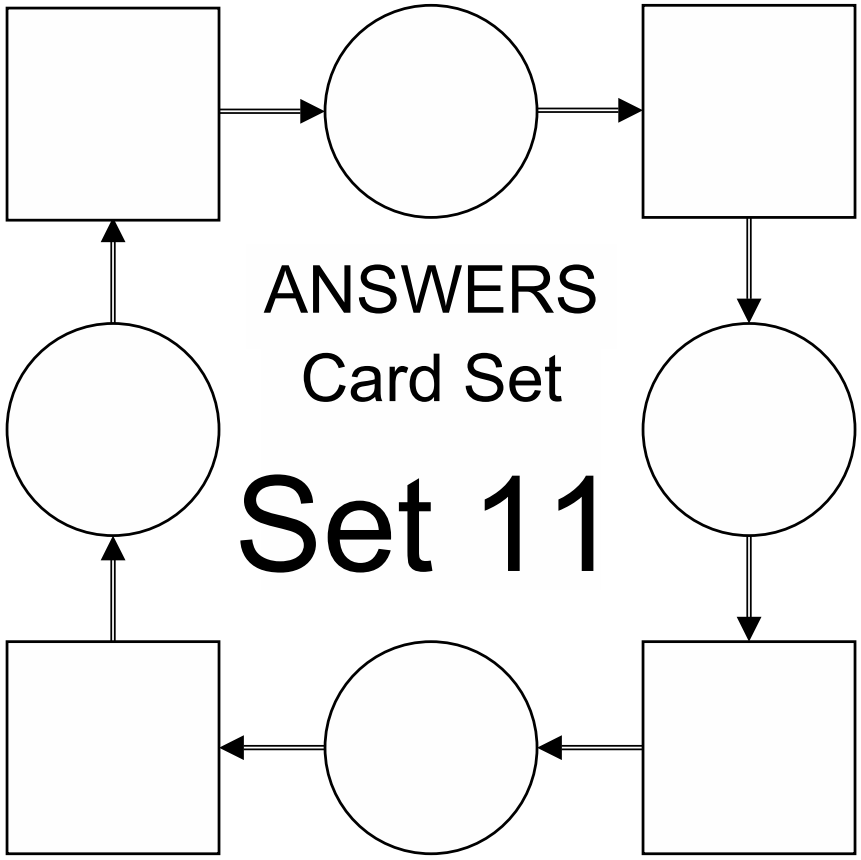
Finding the volume and surface area of frustums and cones



TOTALS	

Name .....

Finding the volume and surface area of frustums and cones



TOTALS	

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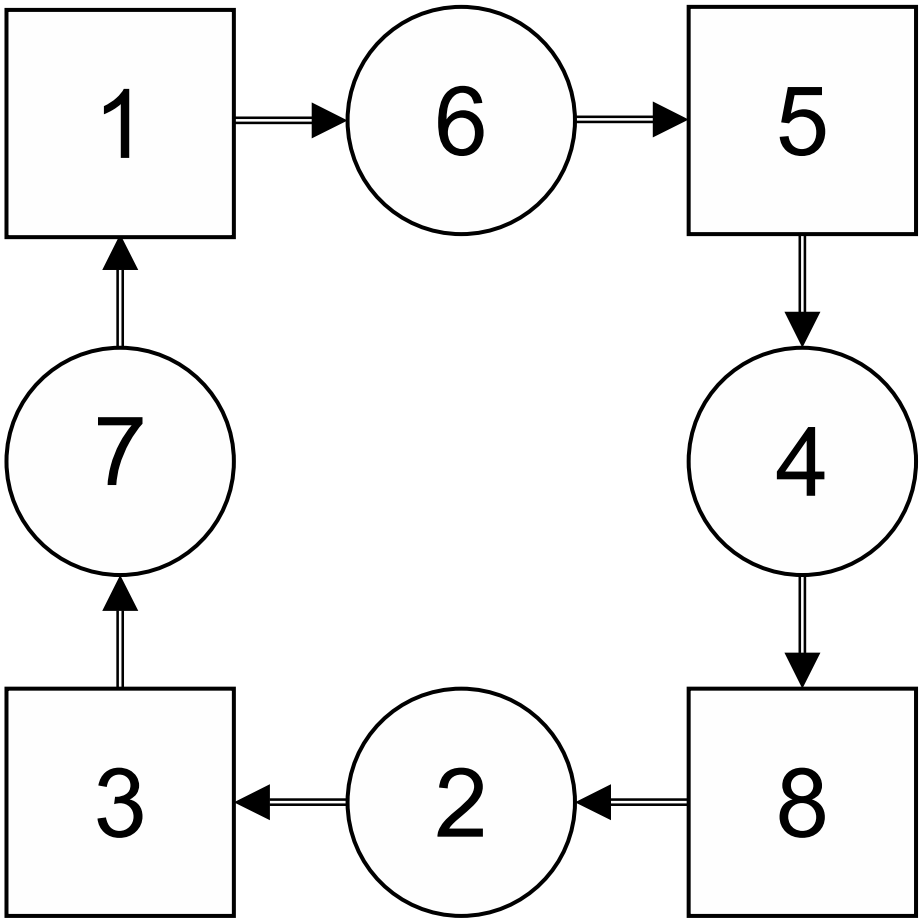
ANSWERS

Card Set

Set 11



TOTALS	
17	19