

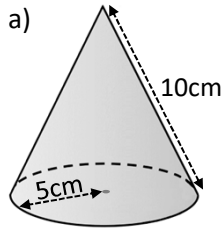
Name: \_\_\_\_\_



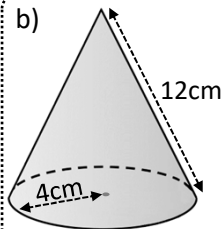
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Calculate the total **surface area** of these cones (give your answer to 1 decimal place):

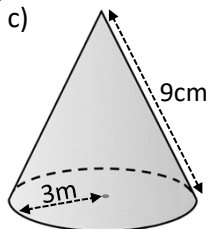
Diagrams not drawn to scale



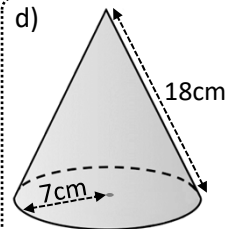
**235.6cm<sup>2</sup>**



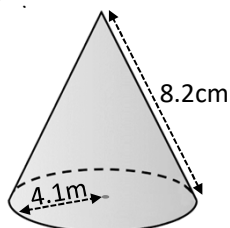
**201.1cm<sup>2</sup>**



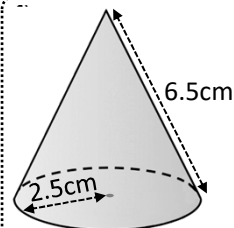
**113.1cm<sup>2</sup>**



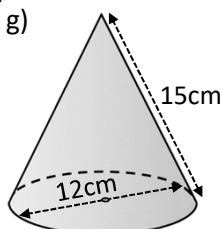
**549.8cm<sup>2</sup>**



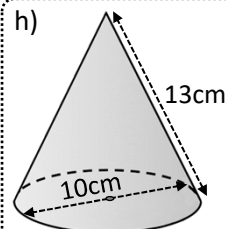
**158.4cm<sup>2</sup>**



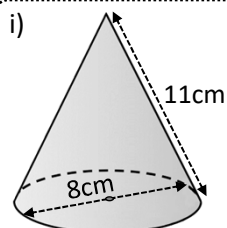
**70.7cm<sup>2</sup>**



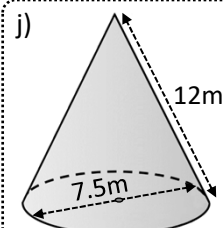
**395.8cm<sup>2</sup>**



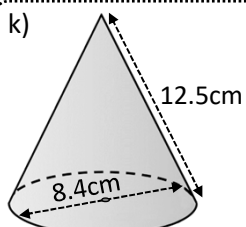
**282.7cm<sup>2</sup>**



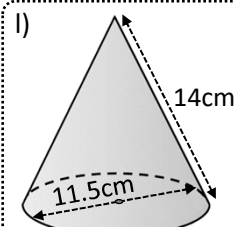
**188.5cm<sup>2</sup>**



**185.6m<sup>2</sup>**



**220.4cm<sup>2</sup>**



**230.3cm<sup>2</sup>**

## Exam question:

A cone has base radius 10cm and slant height 25cm.

Work out the **surface area** of the cone.

Give your answer **in terms of  $\pi$**

**350 $\pi$ cm<sup>2</sup>**



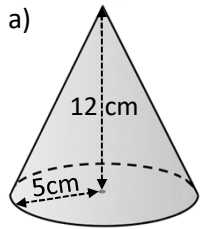
Name: \_\_\_\_\_



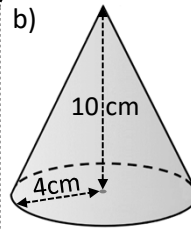
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Calculate the total **surface area** of these cones (give your answer to 1 decimal place):

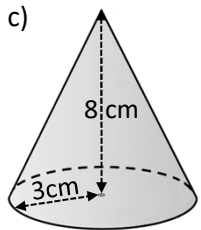
Diagrams not drawn to scale



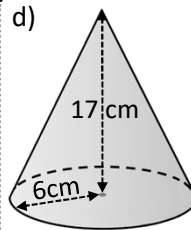
**282.7cm<sup>2</sup>**



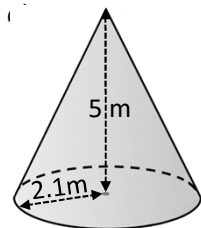
**185.6cm<sup>2</sup>**



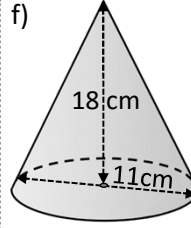
**108.8cm<sup>2</sup>**



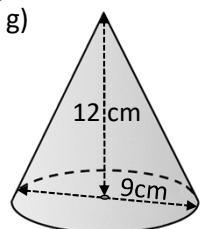
**452.9cm<sup>2</sup>**



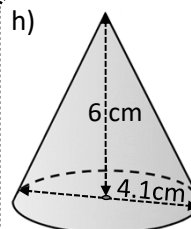
**49.6m<sup>2</sup>**



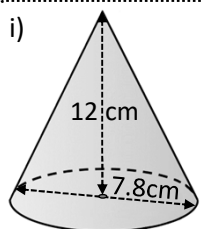
**420.2cm<sup>2</sup>**



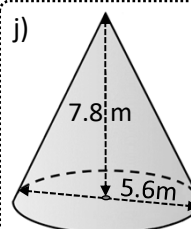
**244.8cm<sup>2</sup>**



**54.0cm<sup>2</sup>**



**202.4cm<sup>2</sup>**



**97.5m<sup>2</sup>**

## Exam question:

A cone has base diameter of 18cm and perpendicular height 25cm.  
Work out the surface area of the cone.  
Give your answer to the nearest one decimal place

**1005.7cm<sup>2</sup>**

