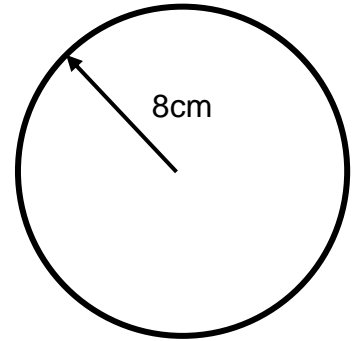
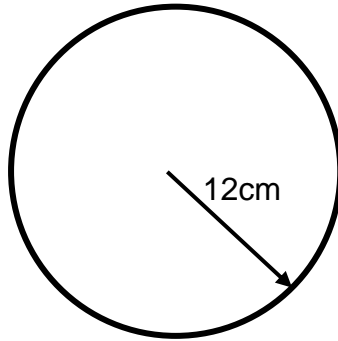
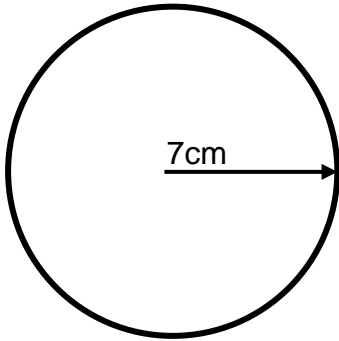


# Area of Circles

## ANSWERS



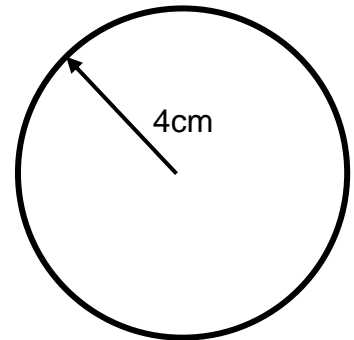
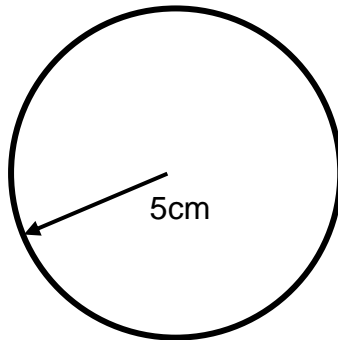
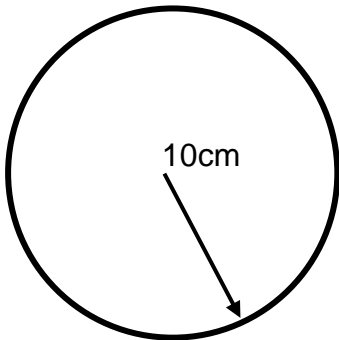
### Section A



Area of circle =  $\pi r^2$   
Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
Area of circle = **153.93 cm<sup>2</sup>**

Area of circle =  $\pi r^2$   
Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
Area of circle = **452.39 cm<sup>2</sup>**

Area of circle =  $\pi r^2$   
Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
Area of circle = **201.06 cm<sup>2</sup>**



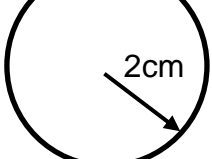
Area of circle =  $\pi r^2$   
Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
Area of circle = **314.16 cm<sup>2</sup>**

Area of circle =  $\pi r^2$   
Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
Area of circle = **78.54 cm<sup>2</sup>**

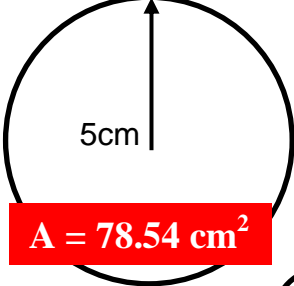
Area of circle =  $\pi r^2$   
Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
Area of circle = **50.27 cm<sup>2</sup>**

### Section B

**A = 12.57 cm<sup>2</sup>**



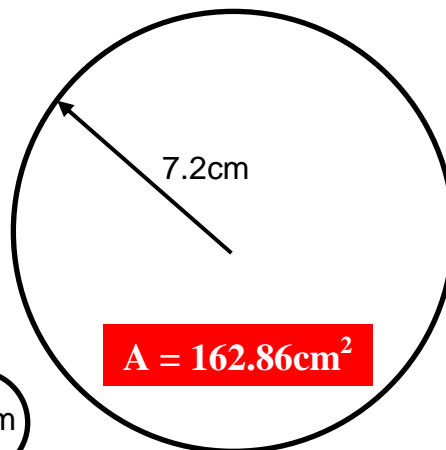
**A = 7.07 cm<sup>2</sup>**



**A = 78.54 cm<sup>2</sup>**

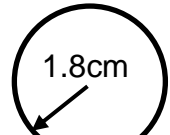
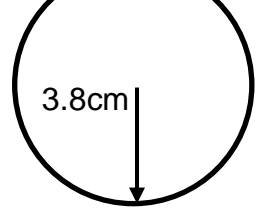


**A = 2.54 cm<sup>2</sup>**



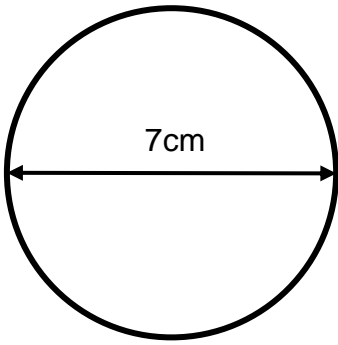
**A = 162.86 cm<sup>2</sup>**

**A = 45.36 cm<sup>2</sup>**

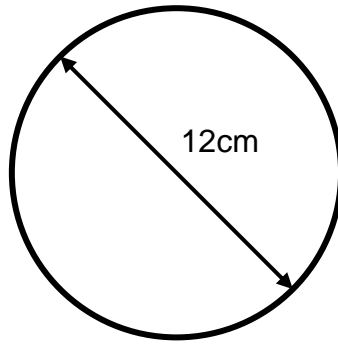


**A = 10.18 cm<sup>2</sup>**

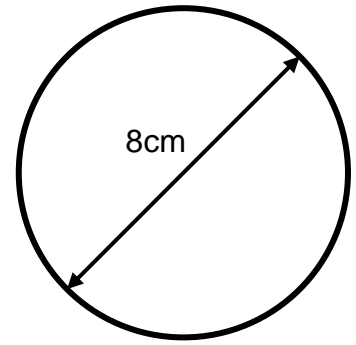
## Section C



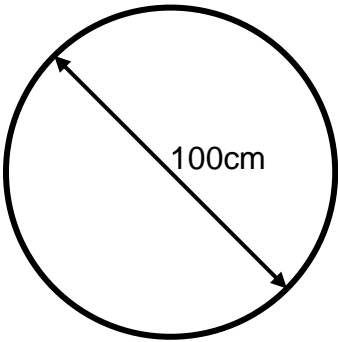
Area of circle =  $\pi r^2$   
 Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
 Area of circle = **38.48 cm<sup>2</sup>**



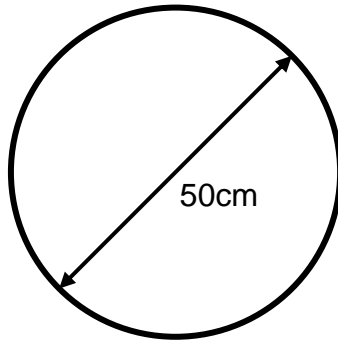
Area of circle =  $\pi r^2$   
 Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
 Area of circle = **113.10 cm<sup>2</sup>**



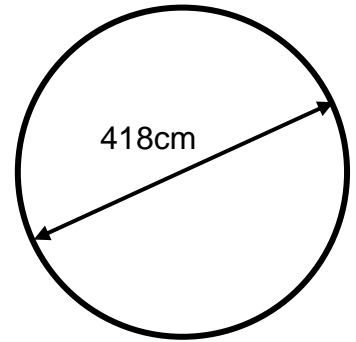
Area of circle =  $\pi r^2$   
 Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
 Area of circle = **50.27 cm<sup>2</sup>**



Area of circle =  $\pi r^2$   
 Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
 Area of circle = **7'853.98cm<sup>2</sup>**



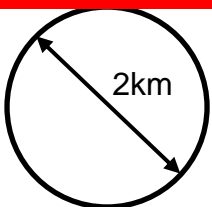
Area of circle =  $\pi r^2$   
 Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
 Area of circle = **1'963.50cm<sup>2</sup>**



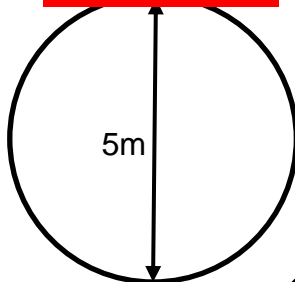
Area of circle =  $\pi r^2$   
 Area of circle =  $\pi \times \text{radius} \times \text{radius}$   
 Area of circle = **137'227.91cm<sup>2</sup>**

## Section D

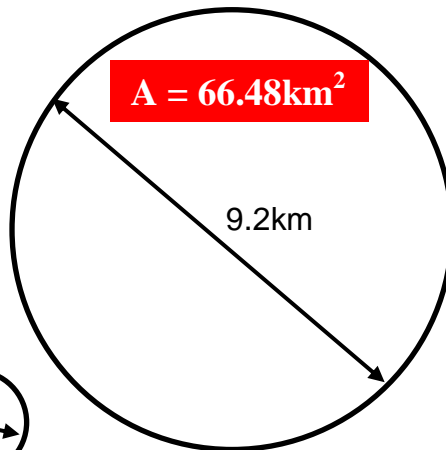
**A = 3.14 km<sup>2</sup>**



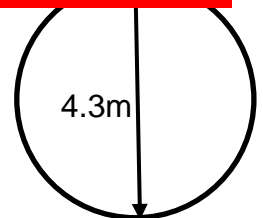
**A = 19.63m<sup>2</sup>**



**A = 66.48km<sup>2</sup>**



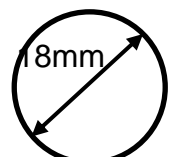
**A = 14.52m<sup>2</sup>**



**A = 176.71 mm<sup>2</sup>**



**A = 63.62mm<sup>2</sup>**



**A = 254.47mm<sup>2</sup>**