

Student Name: _____

Score: _____

Calculate the Area

Calculate the area of the following circles using the given radius/diameter: (Give your answer in terms of π)

Problems

Work Space

Radius= 3 mm Area= _____	
Diameter= 8 cm Area= _____	
Radius= 5.5 cm Area= _____	
Diameter=15 yd Area= _____	
Radius= 4.4 m Area= _____	

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Answers

Radius= 3 mm	
Area= $9\pi \text{ mm}^2$	
Diameter= 8 cm	
Area= $16\pi \text{ cm}^2$	
Radius= 5.5 cm	
Area= $30.25\pi \text{ cm}^2$	
Diameter=15 yd	
Area= $56.25\pi \text{ yd}^2$	
Radius= 4.4 m	
Area= $19.36\pi \text{ m}^2$	