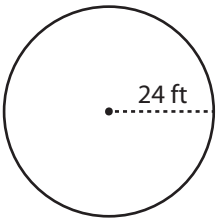
Name : _____ Score : _____

Circle - Area

Radius Moderate: S1

Example :



Area of a circle = πr^2

Radius (r) = 24 ft

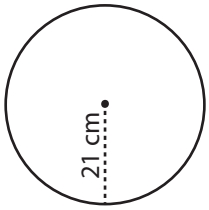
Area = πr^2

= 3.14 x 24 x 24

Area = **1808.6 ft²**

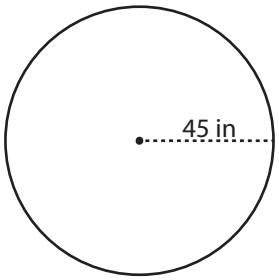
Find the area of each circle. Round the answer to tenth decimal place. (use $\pi = 3.14$)

1)



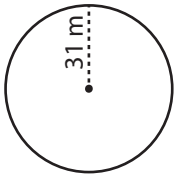
Area = _____

2)



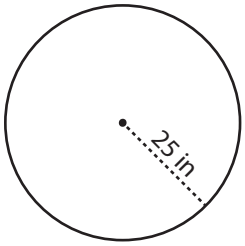
Area = _____

3)



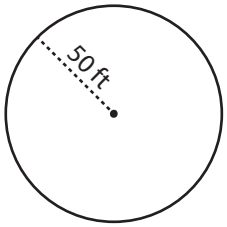
Area = _____

4)



Area = _____

5)

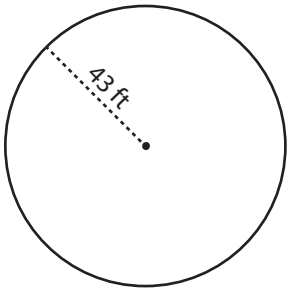


Area = _____

6)

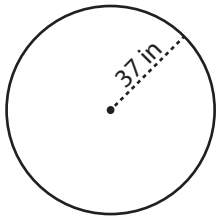
Area = _____

7)



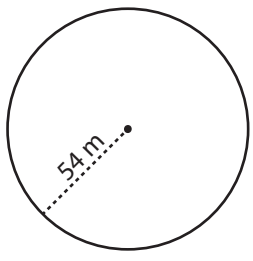
Area = _____

8)



Area = _____

9)



Area = _____

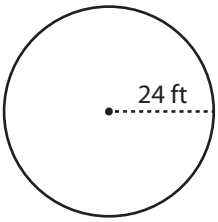
Name : _____ Score : _____

Answer Key

Circle - Area

Radius Moderate: S1

Example :



Area of a circle = πr^2

Radius (r) = 24 ft

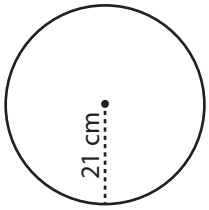
Area = πr^2

= 3.14 x 24 x 24

Area = **1808.6 ft²**

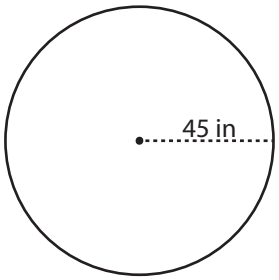
Find the area of each circle. Round the answer to tenth decimal place. (use π = 3.14)

1)



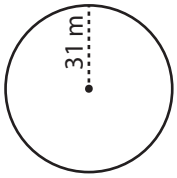
Area = **1384.7 cm²**

2)



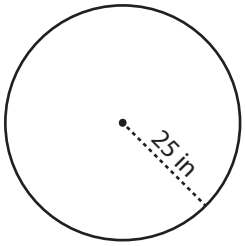
Area = **6358.5 in²**

3)



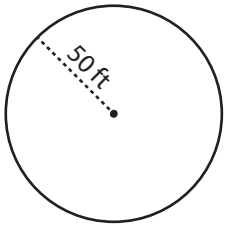
Area = **3017.5 m²**

4)



Area = **1962.5 in²**

5)

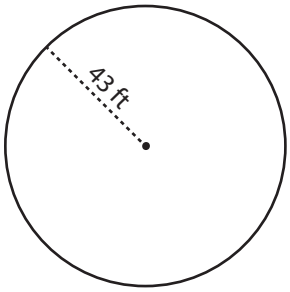


Area = **7850 ft²**

6)

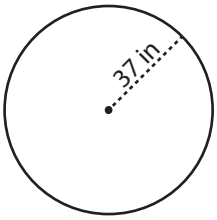
Area = **2289.1 cm²**

7)



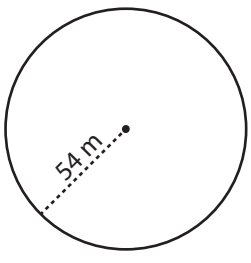
Area = **5805.9 ft²**

8)



Area = **4298.7 in²**

9)



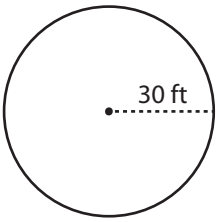
Area = **9156.2 m²**

Name : _____ Score : _____

Circle - Area

Radius Moderate: S2

Example :



Area of a circle = πr^2

Radius (r) = 30 ft

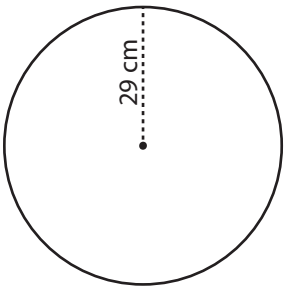
Area = πr^2

= 3.14 x 30 x 30

Area = **2826 ft²**

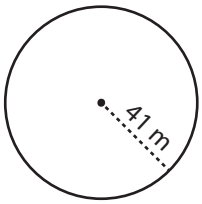
Find the area of each circle. Round the answer to tenth decimal place. (use $\pi = 3.14$)

1)



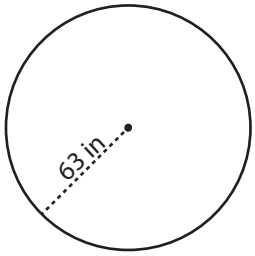
Area = _____

2)



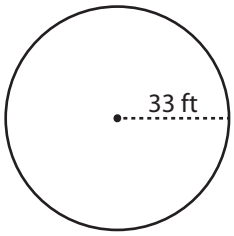
Area = _____

3)



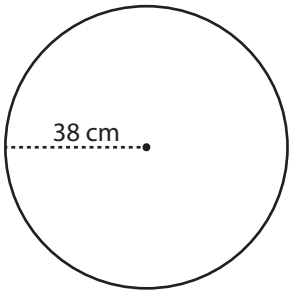
Area = _____

4)



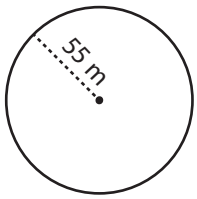
Area = _____

5)



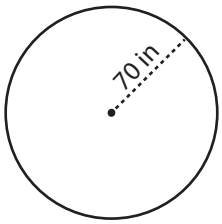
Area = _____

6)



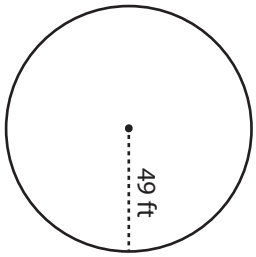
Area = _____

7)



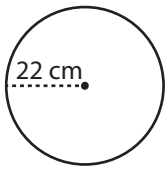
Area = _____

8)



Area = _____

9)



Area = _____

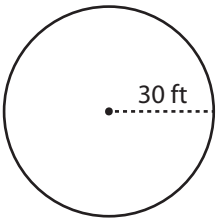
Name : _____ Score : _____

Answer Key

Circle - Area

Radius Moderate: S2

Example :



Area of a circle = πr^2

Radius (r) = 30 ft

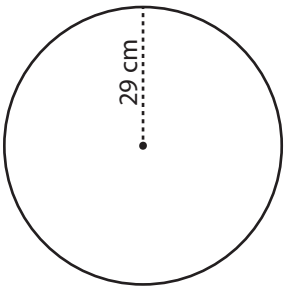
Area = πr^2

= 3.14 x 30 x 30

Area = **2826 ft²**

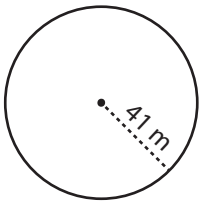
Find the area of each circle. Round the answer to tenth decimal place. (use $\pi = 3.14$)

1)



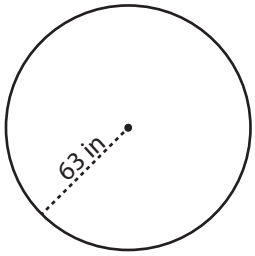
Area = **2640.7 cm²**

2)



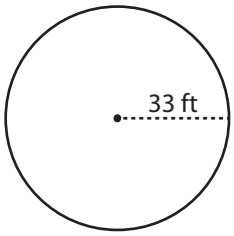
Area = **5278.3 m²**

3)



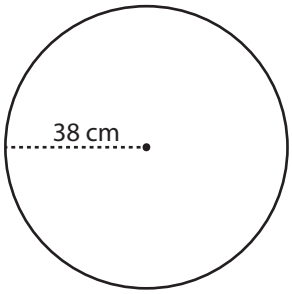
Area = **12462.7 in²**

4)



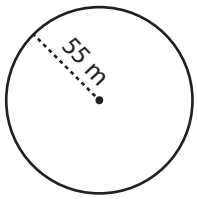
Area = **3419.5 ft²**

5)



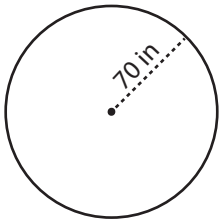
Area = **4534.2 cm²**

6)



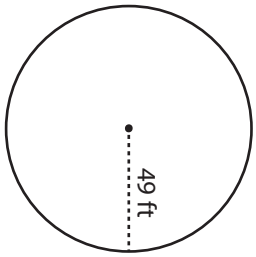
Area = **9498.5 m²**

7)



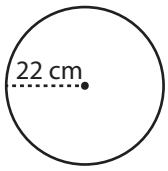
Area = **15386 in²**

8)



Area = **7539.1 ft²**

9)



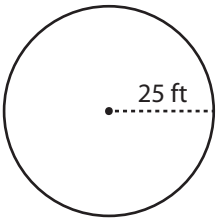
Area = **1519.8 cm²**

Name : _____ Score : _____

Circle - Area

Radius Moderate: S3

Example :



Area of a circle = πr^2

Radius (r) = 25 ft

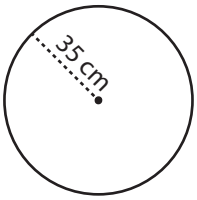
Area = πr^2

= 3.14 x 25 x 25

Area = **1962.5 ft²**

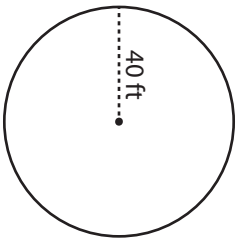
Find the area of each circle. Round the answer to tenth decimal place. (use π = 3.14)

1)



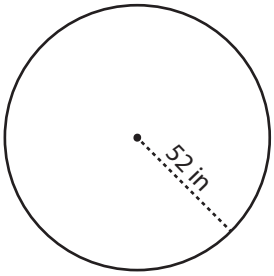
Area = _____

2)



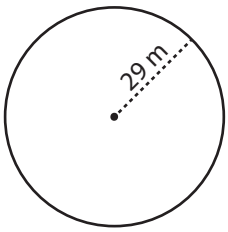
Area = _____

3)



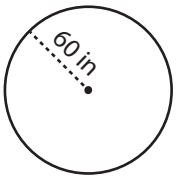
Area = _____

4)



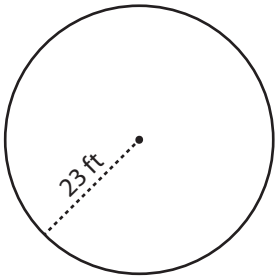
Area = _____

5)



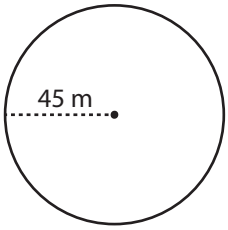
Area = _____

6)



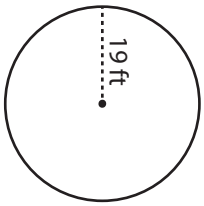
Area = _____

7)



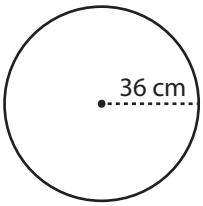
Area = _____

8)



Area = _____

9)



Area = _____

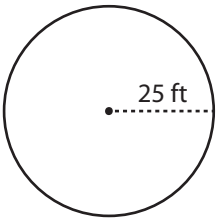
Name : _____ Score : _____

Answer Key

Circle - Area

Radius Moderate: S3

Example :



Area of a circle = πr^2

Radius (r) = 25 ft

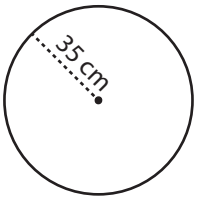
Area = πr^2

= 3.14 x 25 x 25

Area = **1962.5 ft²**

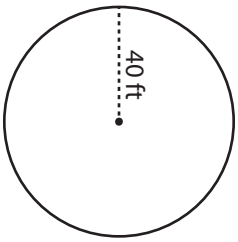
Find the area of each circle. Round the answer to tenth decimal place. (use π = 3.14)

1)



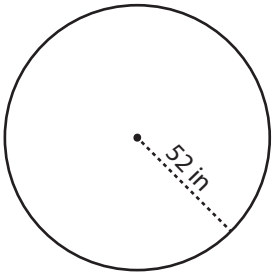
Area = **3846.5 cm²**

2)



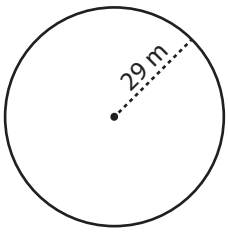
Area = **5024 ft²**

3)



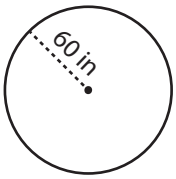
Area = **8490.6 in²**

4)



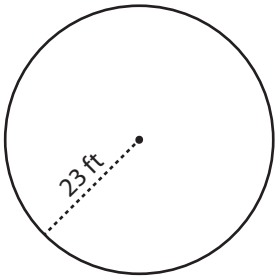
Area = **2640.7 m²**

5)



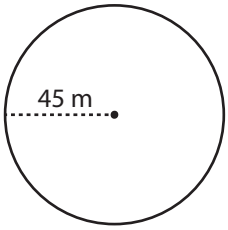
Area = **11304 in²**

6)



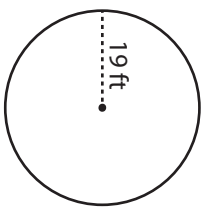
Area = **1661.1 ft²**

7)



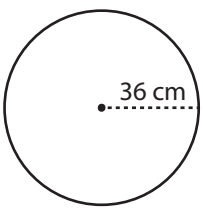
Area = **6358.5 m²**

8)



Area = **1133.5 ft²**

9)



Area = **4069.4 cm²**