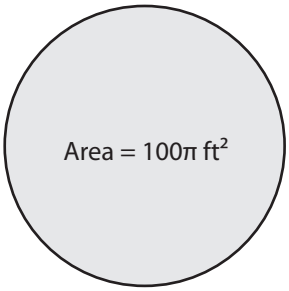
Name : _____

ES1

Radius / Diameter

A) Find the radius and diameter of each circle.

1)



Radius = _____

Diameter = _____

2)

Radius = _____

Diameter = _____

3)

Radius = _____

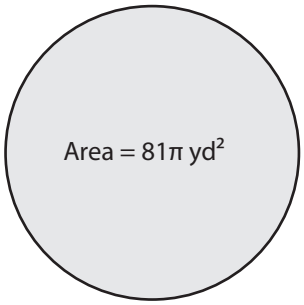
Diameter = _____

4)

Radius = _____

Diameter = _____

5)



Radius = _____

Diameter = _____

6)

Radius = _____

Diameter = _____

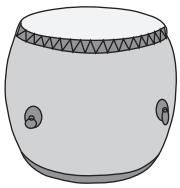
B) Choose the correct choice.

7) The circular floor carpet has an area of 484π in². What is the radius of the floor carpet?

a) 22 in b) 44 in c) 88 in

8) The area of the drumhead is 400π in². Find the diameter of the drumhead.

a) 80 in b) 20 in c) 40 in



Name : _____

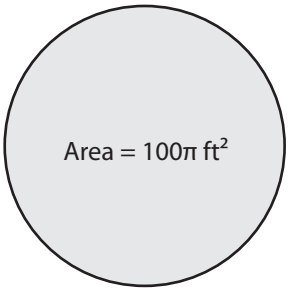
Answer key

ES1

Radius / Diameter

A) Find the radius and diameter of each circle.

1)



Radius = **10 ft**

Diameter = **20 ft**

2)

Radius = **25 in**

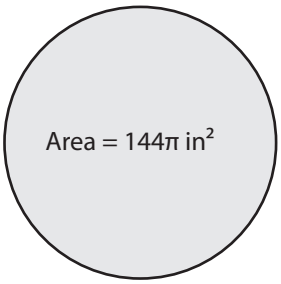
Diameter = **50 in**

3)

Radius = **7 yd**

Diameter = **14 yd**

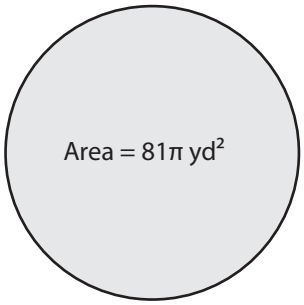
4)



Radius = **12 in**

Diameter = **24 in**

5)



Radius = **9 yd**

Diameter = **18 yd**

6)

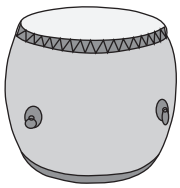
Radius = **16 ft**

Diameter = **32 ft**

B) Choose the correct choice.

7) The circular floor carpet has an area of 484π in². What is the radius of the floor carpet?

a) 22 in b) 44 in c) 88 in

8) The area of the drumhead is 400π in². Find the diameter of the drumhead.

a) 80 in b) 20 in **c) 40 in**