

Radius & Diameter

Difficult: S1

A. Choose the correct choice.

1) A circle has a circumference of 138.16 in. What is the diameter of the circle?

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

2) An iron rod of length 10.38 ft is bent to form a circle. What is the radius of the circle?

- a) 1.65 ft b) 3.3 ft c) 6.6 ft

3) A circular paddy field has a circumference of 89.18 yd. Find its diameter.

- a) 56.8 yd

4) The tip of the minute hand of the minute-hand.

- a) 33 in

5) The circumference of the wheel is 143.68 in. Find its radius.

- a) 7.91 in

B. Find the radius and diameter of the circle.

S.No	Circumference	Radius	Diameter
6.			
7.			
8.	157 in		
9.	31.34 yd		
10.	75.36 ft		

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3) A circular paddy field has a circumference of 89.18 yd. Find its diameter.

- a) 56.8 yd

4) The tip of the minute hand of the minute-hand.

- a) 33 in

5) The circumference of the circle is _____ e.

- a) 7.91 in

B. Find the radius and diameter of the circle.

S.No	Circumference	Radius	Diameter
6.			12.72 yd
7.			24.6 ft
8.	157 in	25 in	50 in
9.	31.34 yd	4.99 yd	9.98 yd
10.	75.36 ft	12 ft	24 ft

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Radius & Diameter

Difficult: S2

A. Choose the correct choice.

1) A circular table has a circumference of 24.93 in. Find its diameter.

- a) 7.94 in b) 3.97 in c) 12.46 in

2) A clock face has a circumference of 39.88 in. Find the diameter of clock.

- a) 19.94 in b) 6.35 in c) 12.7 in

3) The tip of the minute-hand travels 70.96 in in one hour. Find the length of the minute-hand.

- a) 22.6 in

4) A circle has a circum

- a) 35 yd

5) A thread of length 5

- a) 16.66 in

B. Find the radius and c

S.No	C	Diameter
6.		
7.		
8.	32.97 ft	
9.	45.34 in	
10.	63.43 yd	

Radius & Diameter

Difficult: S2

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1) A circular table has a circumference of 24.93 in. Find its diameter.

- a) **7.94 in** b) 3.97 in c) 12.46 in

2) A clock face has a circumference of 39.88 in. Find the diameter of clock.

- a) 19.94 in b) 6.35 in c) **12.7 in**

3) The tip of the minute-hand travels 70.96 in in one hour. Find the length of the minute-hand.

- a) 22.6 in

4) A circle has a circum

- a) 35 yd

5) A thread of length 5

- a) 16.66 in

B. Find the radius and c

S.No	C	Radius	Diameter
6.			27.4 ft
7.			5.84 yd
8.	32.97 ft	5.25 ft	10.5 ft
9.	45.34 in	7.22 in	14.44 in
10.	63.43 yd	10.1 yd	20.2 yd

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Radius & Diameter

Difficult: S3

A. Choose the correct choice.

1) The circumference of a circular ground 81.01 ft. Find the diameter of ground.

- a) 12.9 ft b) 25.8 ft c) 81.01 ft

2) A circle has a circumference of 39.82 ft. What is the diameter of the circle?

- a) 19.91 ft b) 6.34 ft c) 12.68 ft

3) A wire of length 62.49 in is bent to form a circle. What is the radius of the circle?

- a) 9.95 in

4) A circular plot has a circumference of 156 yd.

- a) 78 yd

5) The tip of the minute hand of a clock describes a circle of radius 14.6 in. Find the circumference of the minute-hand.

- a) 14.6 in

B. Find the radius and circumference of the circle.

S.No	Circumference	Radius	Diameter
6.			
7.			
8.	70.34 ft		
9.	53 in		
10.	86.04 yd		

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Radius & Diameter

Difficult: S3

A. Choose the correct choice.

1) The circumference of a circular ground 81.01 ft. Find the diameter of ground.

- a) 12.9 ft **b) 25.8 ft** c) 81.01 ft

2) A circle has a circumference of 39.82 ft. What is the diameter of the circle?

- a) 19.91 ft b) 6.34 ft **c) 12.68 ft**

3) A wire of length 62.49 in is bent to form a circle. What is the radius of the circle?

- a) 9.95 in**

4) A circular plot has a circumference of 156 yd.

- a) 78 yd

5) The tip of the minute hand of a clock describes a circle of radius 14.6 in. Find the circumference of the minute-hand.

- a) 14.6 in**

B. Find the radius and diameter of the circle.

S.No	Circumference	Radius	Diameter
6.	30.76 ft	4.87 ft	9.74 ft
7.	29.4 yd	4.68 yd	9.36 yd
8.	70.34 ft	11.2 ft	22.4 ft
9.	53 in	8.44 in	16.88 in
10.	86.04 yd	13.7 yd	27.4 yd

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