

Get better at Math.
Get better at
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive
Platform**



**Interactive Visual
Simulations**



**Personalized
Attention**

For Grades 1 - 10



LIVE online classes
by trained and
certified experts.

Get the Cuemath advantage

Book a FREE trial class

Area of a Circle Worksheets 7th Grade

Questions

Q.1 What is the formula for the area of a circle?

Q.2 Circumference of a circle with radius 'r' _____

Q.3 The radius of a semicircle is _____. If the area is 16π sq. units.

Q.4 What is the ratio between the area of the circle to its Circumference, having radius 'r'.

Q.5 What is the formula for the area of a semicircle.

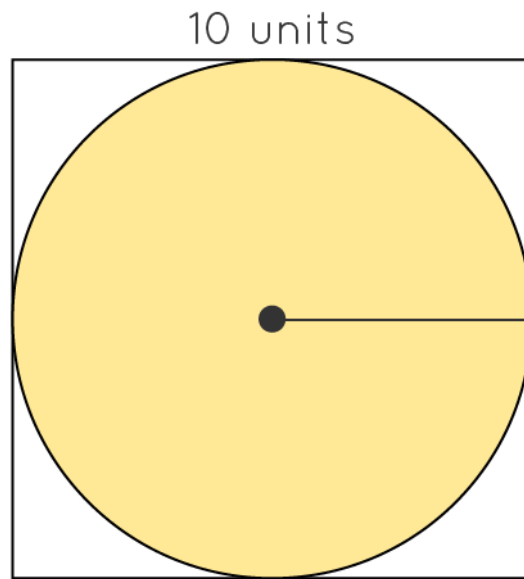
- a. πr^2
- b. $\frac{\pi r^2}{2}$
- c. $2\pi r^2$
- d. $4\pi r^2$

Q.6 π times 4 squared is the area of a circle with a radius of.....

- a. 6 units
- b. 4 units
- c. 5 units
- d. 8 units

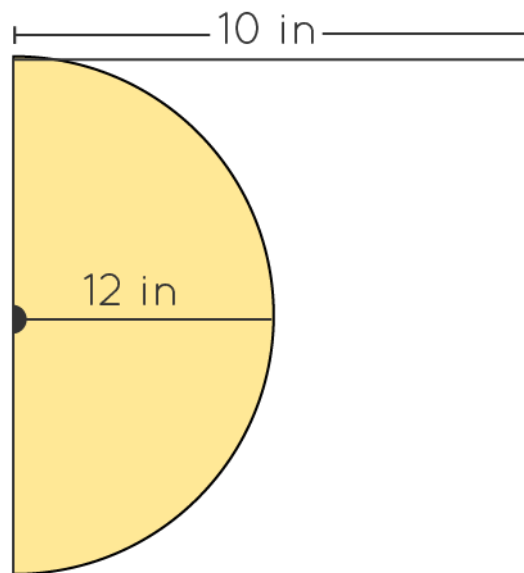
Q.7 Find the diameter of a circle if the area of a circle is 1256.63 **units²** (use $\pi = 3.14$)

Q.8 Find the area of a circle that is inscribed inside a square of the side 10 units.



Q.9 A square-shaped iron sheet having a perimeter of 104 m. If it is bent in the shape of a circle. Find the area of the circular iron sheet.

Q.10 Find the area of the shaded region.



When you learn math
in an interesting way,
you never forget.



25 Million

Math classes &
counting

100K+

Students learning
Math the right way

20+ Countries

Present across USA, UK,
Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class

ANSWERS

1. πr^2	2. $2\pi r^2$	3. 8 units	4. r:2	5. $\frac{\pi r^2}{2}$
6.b. 4 units	7. 40 units.	8. 78.53 sq. units	9. 676 Sq. m	10. 13.81sq. in

FUN FACT



1. For the shapes with the same perimeter, the circle has the maximum area of all.
2. The word "circle" derived from the Greek word "kirkos," which means ring.
3. A circle of the infinite radius has a straight line as a part of its circumference.