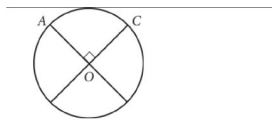


SAT Math

Circles 1

Question # ID
1.1 23c5fcce



The circle above with center O has a circumference of 36.
What is the length of minor arc \widehat{AC} ?

- A. 9
- B. 12
- C. 18
- D. 36

1.2 d03e29f1

$$(x - 6)^2 + (y - 3)^2 = 81$$

The graph of the given equation in the xy -plane is a circle. What is the length of the radius of this circle?

- A. 3
- B. 6
- C. 9
- D. 81

1.3 f2495de4

What is the value of $\cos \frac{565\pi}{6}$?

- A. $\frac{1}{2}$
- B. 1
- C. $\frac{\sqrt{3}}{2}$
- D. $\sqrt{3}$