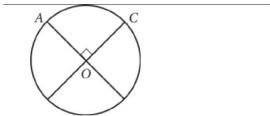


# SAT Math

## 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.  $\sqrt{3}$