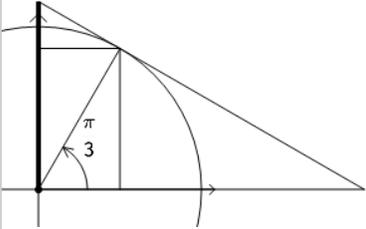


## Trigonometry, Unit Circle Ratios (Tan, Sec, Csc, Cot) - To Ratio As Inverse (Radians)

1

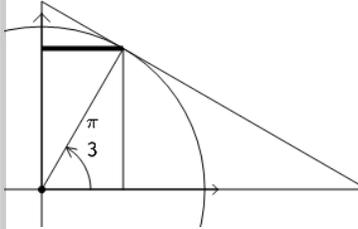
What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\csc\left(\frac{\pi}{3}\right) = \frac{1}{\sin\left(\frac{\pi}{3}\right)}$	$\sec\left(\frac{\pi}{3}\right) = \frac{1}{\cos\left(\frac{\pi}{3}\right)}$

2

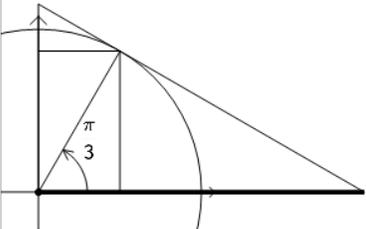
What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\sin\left(\frac{\pi}{3}\right) = \frac{1}{\csc\left(\frac{\pi}{3}\right)}$	$\cos\left(\frac{\pi}{3}\right) = \frac{1}{\sec\left(\frac{\pi}{3}\right)}$

3

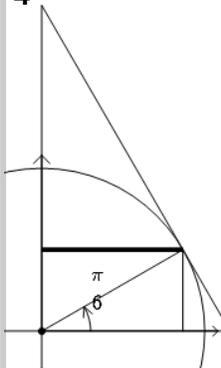
What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\sec\left(\frac{\pi}{3}\right) = \frac{1}{\cos\left(\frac{\pi}{3}\right)}$	$\csc\left(\frac{\pi}{3}\right) = \frac{1}{\sin\left(\frac{\pi}{3}\right)}$

4

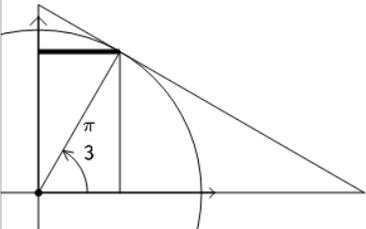
What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\cos\left(\frac{\pi}{6}\right) = \frac{1}{\sec\left(\frac{\pi}{6}\right)}$	$\csc\left(\frac{\pi}{6}\right) = \frac{1}{\sin\left(\frac{\pi}{6}\right)}$

5

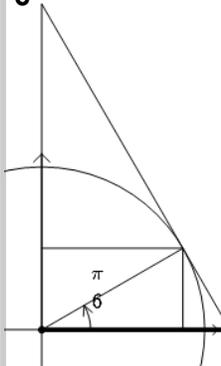
What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\cos\left(\frac{\pi}{3}\right) = \frac{1}{\sec\left(\frac{\pi}{3}\right)}$	$\csc\left(\frac{\pi}{3}\right) = \frac{1}{\sin\left(\frac{\pi}{3}\right)}$

6

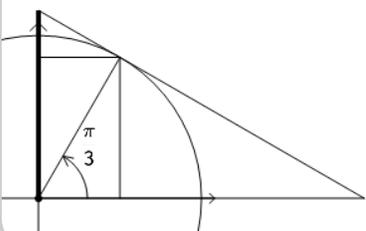
What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\sec\left(\frac{\pi}{6}\right) = \frac{1}{\cos\left(\frac{\pi}{6}\right)}$	$\csc\left(\frac{\pi}{6}\right) = \frac{1}{\sin\left(\frac{\pi}{6}\right)}$

7

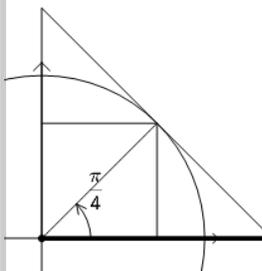
What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\csc\left(\frac{\pi}{3}\right) = \frac{1}{\sin\left(\frac{\pi}{3}\right)}$	$\sec\left(\frac{\pi}{3}\right) = \frac{1}{\cos\left(\frac{\pi}{3}\right)}$

8

What trigonometry ratio gives the highlighted dimension on the unit circle?



A	B
$\sec\left(\frac{\pi}{4}\right) = \frac{1}{\cos\left(\frac{\pi}{4}\right)}$	$\csc\left(\frac{\pi}{4}\right) = \frac{1}{\sin\left(\frac{\pi}{4}\right)}$