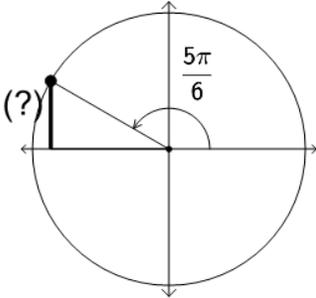


Trigonometry, Unit Circle Dimensions as Sin/Cos Ratio of Angle Radians

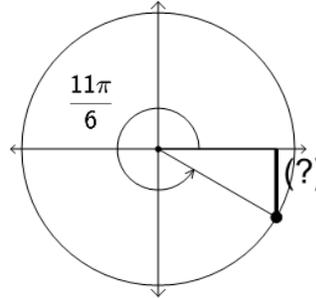
1



What is the Y dimension for the unit circle point at $5\pi/6$ radians?

- | | | | |
|---|---------------|---|-----------------------|
| A | $\frac{1}{2}$ | B | $-\frac{\sqrt{2}}{2}$ |
|---|---------------|---|-----------------------|

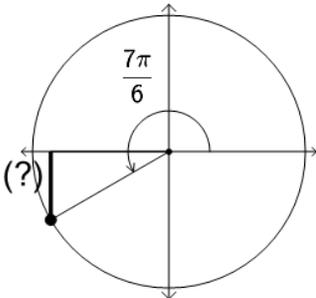
2



What is the Y dimension for the unit circle point at $11\pi/6$ radians?

- | | | | |
|---|-----------------------|---|----------------|
| A | $-\frac{\sqrt{2}}{2}$ | B | $-\frac{1}{2}$ |
|---|-----------------------|---|----------------|

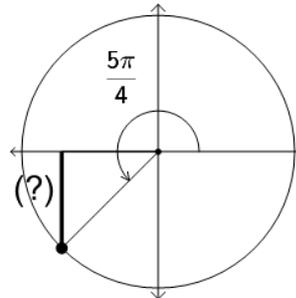
3



What is the Y dimension for the unit circle point at $7\pi/6$ radians?

- | | | | |
|---|----------------|---|-----------------------|
| A | $-\frac{1}{2}$ | B | $-\frac{\sqrt{2}}{2}$ |
|---|----------------|---|-----------------------|

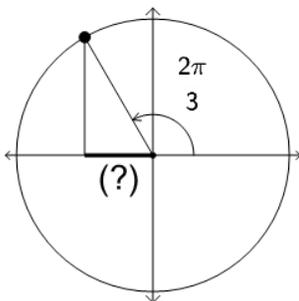
4



What is the Y dimension for the unit circle point at $5\pi/4$ radians?

- | | | | |
|---|-----------------------|---|-----------------------|
| A | $-\frac{\sqrt{3}}{2}$ | B | $-\frac{\sqrt{2}}{2}$ |
|---|-----------------------|---|-----------------------|

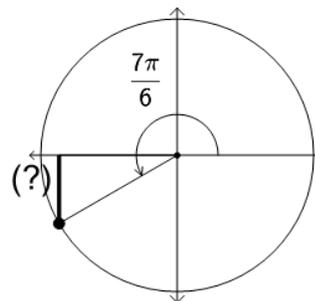
5



What is the X dimension for the unit circle point at $2\pi/3$ radians?

- | | | | |
|---|----------------|---|----------------------|
| A | $-\frac{1}{2}$ | B | $\frac{\sqrt{2}}{2}$ |
|---|----------------|---|----------------------|

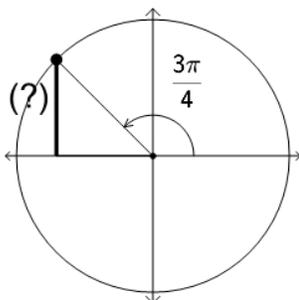
6



What is the Y dimension for the unit circle point at $7\pi/6$ radians?

- | | | | |
|---|---------------|---|----------------|
| A | $\frac{1}{2}$ | B | $-\frac{1}{2}$ |
|---|---------------|---|----------------|

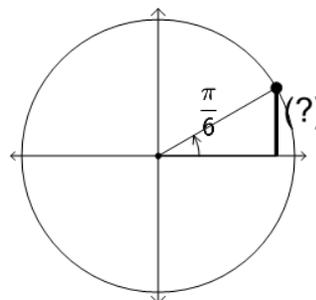
7



What is the Y dimension for the unit circle point at $3\pi/4$ radians?

- | | | | |
|---|----------------------|---|----------------|
| A | $\frac{\sqrt{2}}{2}$ | B | $-\frac{1}{2}$ |
|---|----------------------|---|----------------|

8



What is the Y dimension for the unit circle point at $\pi/6$ radians?

- | | | | |
|---|----------------------|---|---------------|
| A | $\frac{\sqrt{2}}{2}$ | B | $\frac{1}{2}$ |
|---|----------------------|---|---------------|