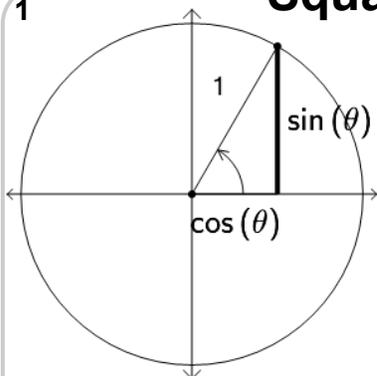




Trigonometry, Unit Circle Pythagorean Identity - Cos/Sin to Identity (Radians, Squared Notation)

1

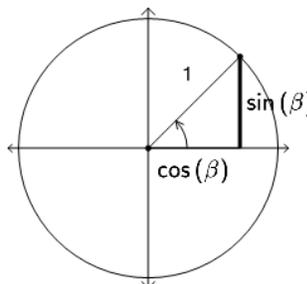


What does Pythagoras tell us about the Y dimension of this triangle?

A $(\sin(\theta))^2 = 1 - (\cos(\theta))^2$

B $(\sin(\theta))^2 = 1 + (\cos(\theta))^2$

2

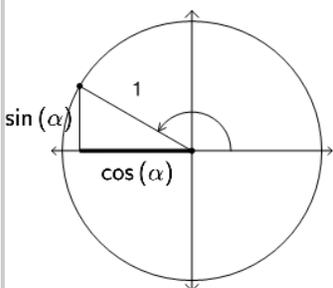


What does Pythagoras tell us about the Y dimension of this triangle?

A $\sin(\beta) = \sqrt{(\cos(\beta))^2 + 1}$

B $\sin(\beta) = \sqrt{1 - (\cos(\beta))^2}$

3

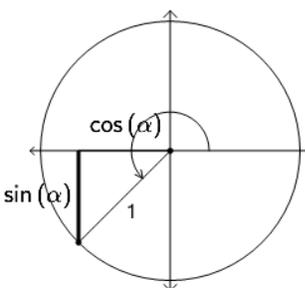


What does Pythagoras tell us about the X dimension of this triangle?

A $(\cos(\alpha))^2 = 1 + (\sin(\alpha))^2$

B $(\cos(\alpha))^2 = 1 - (\sin(\alpha))^2$

4

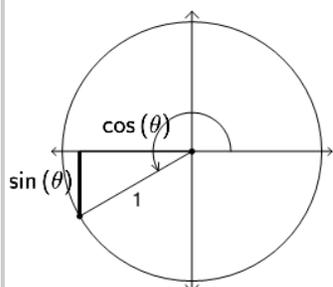


What does Pythagoras tell us about the Y dimension of this triangle?

A $(\sin(\alpha))^2 = 1 - (\cos(\alpha))^2$

B $(\sin(\alpha))^2 = 1 + (\cos(\alpha))^2$

5

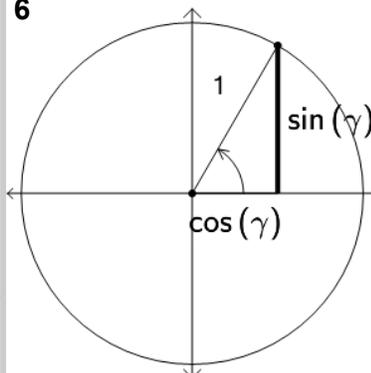


What does Pythagoras tell us about the Y dimension of this triangle?

A $(\sin(\theta))^2 = 1 - (\cos(\theta))^2$

B $(\sin(\theta))^2 = 1 + (\cos(\theta))^2$

6

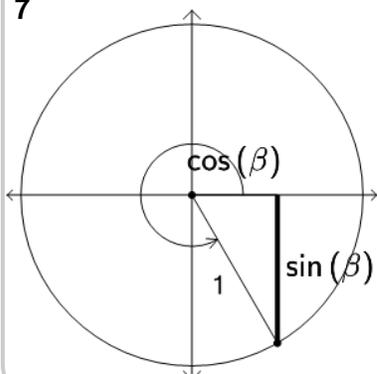


What does Pythagoras tell us about the Y dimension of this triangle?

A $\sin(\gamma) = \sqrt{(\cos(\gamma))^2 + 1}$

B $\sin(\gamma) = \sqrt{1 - (\cos(\gamma))^2}$

7

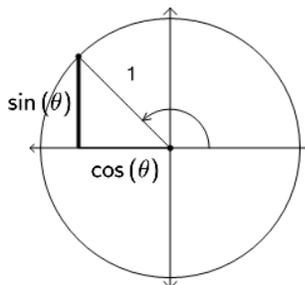


What does Pythagoras tell us about the Y dimension of this triangle?

A $\sin(\beta) = \sqrt{1 - (\cos(\beta))^2}$

B $\sin(\beta) = \sqrt{(\cos(\beta))^2 + 1}$

8



What does Pythagoras tell us about the Y dimension of this triangle?

A $(\sin(\theta))^2 = 1 - (\cos(\theta))^2$

B $(\sin(\theta))^2 = 1 + (\cos(\theta))^2$