Quiz 7

Jon Beardsley

October 17, 2014

Question 1 *Which of the following angles is co-terminal with $\alpha = 45°$?*

A $-45°$.

B $-315°$.

C $135°$.

D $90°$.

Question 2 *What is the value of $\sin\left(\dfrac{3\pi}{4}\right)$?*

A *0.*

B $45°$.

C $3\pi/2$.

D $\sqrt{2}/2$.

Question 3 *Solve the following equation for x:*

$$\log_2(x^2) - \log_2(x^2 - 4) = 1.$$

A 0

B $\sqrt{2}$

C $2\sqrt{2}$

D 8

Question 4 *What is the reference angle of $210°$?.*

A $\dfrac{7\pi}{6}$

B $-\dfrac{7\pi}{6}$

C $-30°$

D $30°$