

Gator Golf Activity Round 1 Questions.

1	<p>A wheel has a radius of 3.2 cm. Find the distance traveled by the wheel when it makes 2.3 revolutions. Use $\pi=3.14$</p> <p>a. 46.2 cm b. 23.1 cm</p> <p>c. 10.0 cm d. 20.1 cm</p>	
2	<p>Express $\frac{5\pi}{4}$ as a degree measure.</p> <p>a. 45° b. 300°</p> <p>c. 225° d. 60°</p>	
3	<p>Express -330° as a radian measure.</p> <p>a. $-\frac{2\pi}{3}$ b. $-\frac{11\pi}{6}$</p> <p>c. $\frac{11\pi}{6}$ d. $\frac{5\pi}{6}$</p>	
4	<p>If A is an angle in standard position and its terminal side contains the point $(-3, -4)$, find $\cos A$</p> <p>a. $\frac{4}{5}$ b. $-\frac{4}{5}$</p> <p>c. $-\frac{3}{5}$ d. $\frac{3}{5}$</p>	
5	<p>Find $\sin A$, if $\cos A = \frac{3}{4}$ and $\sin A > 0$</p> <p>a. $\frac{7}{16}$ b. $\frac{5}{16}$</p> <p>c. $\frac{1}{4}$ d. $\frac{\sqrt{7}}{4}$</p>	

6	Find $\sin \frac{19\pi}{6}$ a. $\frac{1}{2}$ b. $-\frac{1}{\sqrt{2}}$ c. $-\frac{1}{2}$ d. $-\frac{\sqrt{3}}{2}$	
7	What is the amplitude of $y = -3 \sin x$? a. 1 b. $\frac{1}{3}$ c. 3 d. -3	
8	What is the period of $y = 2 \cos 5x$ a. 2π b. 5 c. $\frac{2\pi}{5}$ d. $\frac{5}{2\pi}$	
4	Find $\sin A$, if $\cos A = \frac{3}{4}$ and $\sin A > 0$ a. $\frac{7}{16}$ b. $\frac{5}{16}$ c. $\frac{1}{4}$ d. $\frac{\sqrt{7}}{4}$	
5	Find $\sin A$, if $\cos A = \frac{3}{4}$ and $\sin A > 0$ a. $\frac{7}{16}$ b. $\frac{5}{16}$ c. $\frac{1}{4}$ d. $\frac{\sqrt{7}}{4}$	

