

Question # 6 of 10 (Start time: 07:58:04 PM, 10 July 2023)

$$\tan \theta =$$

Select the correct option

 Reload Mo



$$\frac{\sin \theta}{\cos \theta}$$

If I subtracted 3 from each coordinate point $(-2, 3)$, what would be my new coordinates?

Select the correct option



$(-5, 0)$

Question # 8 of 10 (Start time: 07:59:01 PM, 10 July 2023)

Total Marks: 1

There are 3 quadrants.

Select the correct option

True



False



Question # 9 of 10 (Start time: 07:59:12 PM, 10 July 2023)

Total Marks: 1

The cosine function has "period"

Select the correct option

 Reload Math Equations



270°

Select the correct option

 Reload Math Equations

☐	270°
☐	180°
☒	360°

Question # 10 of 10 (Start time: 07:59:53 PM, 10 July 2023)

Total Marks: 1

Equation of a circle centered at $(2, -5)$ and radius $\sqrt{8}$ is

Select the correct option

 Reload Math Equations

☐ $x^2 + (y - 5)^2 = 64$



$$x^2 + (y+5)^2 = 64$$



$$x^2 + (y+5)^2 = 8$$



$$x^2 - (y+5)^2 = 8$$

$$\cos(-\pi) = \dots$$

Select the correct option

☐ -1

☒ 1

What is the period of the following trigonometric function:

$$m(t) = 3\cos(-2t)$$

Select the correct option

☒ $\omega = \pi/3$

The value of $\cos(120^\circ)$ is same as the value of

Select the correct option

 Reload Math Equations



$\cos 60^\circ$

☐	$\cos 60^\circ$
☒	$-\cos 60^\circ$
☐	$\cos 180^\circ$

The smallest interval for which the function repeats itself is called its

Select the correct option



Graph

www.elsevier.com/locate/jmb

Graph

O

Slope

○

Period

Range

O

Question # 1 of 10 (start time: 07:55:06 PM, 10 July 2023)

The number of ways of arranging r different objects in a circle is $r!$.

Select the correct option

True

False