

Parent Function: $y = \cos \theta$

Amplitude = 1

Period = 2π

Midline: $y = 0$



$$y = a \cos b\theta$$

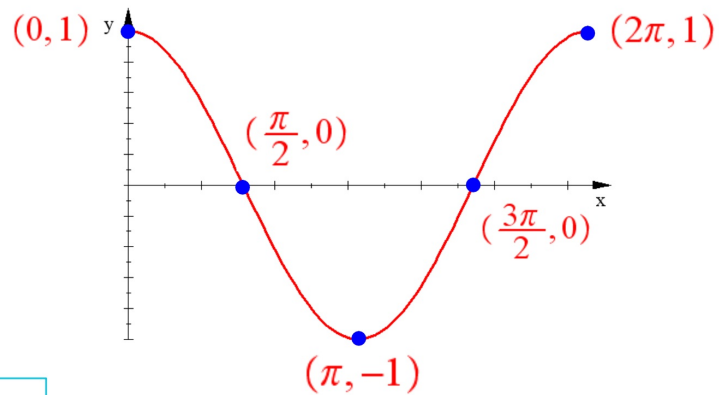
Amplitude = a

If $a < 0$ graph is Upside Down
(x-axis reflection)

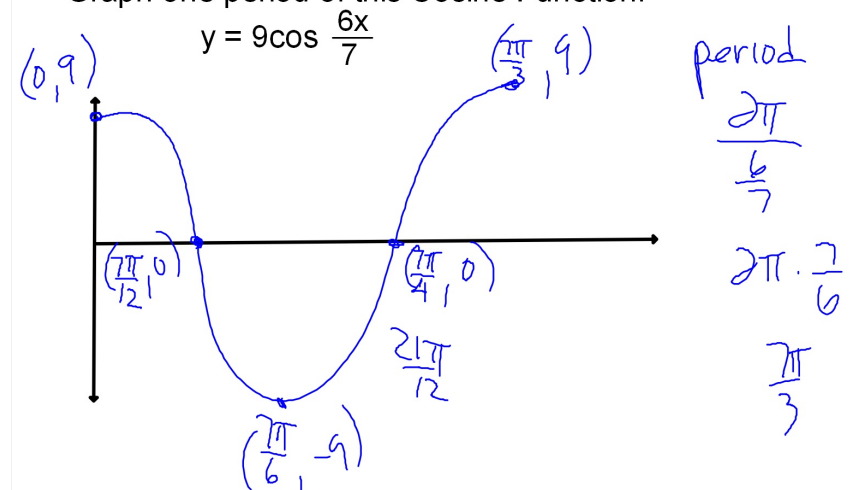
Period = $\frac{2\pi}{b}$

Midline: $y = 0$

Parent Function: $y = \cos \theta$

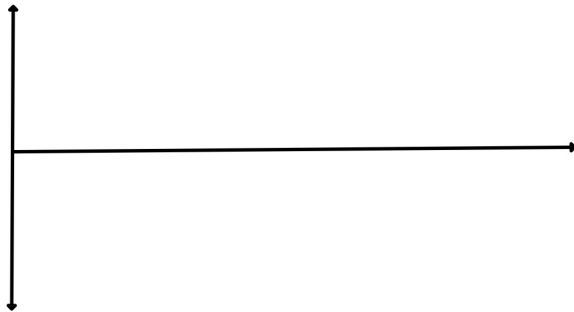


Graph one period of this Cosine Function:



Graph one period of this Cosine Function:

$$y = -11\cos 9x$$



Write the equation of this cosine function.

