Equations of the form $y=Asin\left(B\left(x-h\right)\right)+k$ or $y=Acos\left(B\left(x-h\right)\right)+k$ have:

*Amplitude*: |*A*| *Period*: $P=\frac{2π}{|B|}$ *Vertical shift*: *k* *Horizontal shift*: *h*



