

15.6 Putting it all Together

$$y = a \sin b x$$

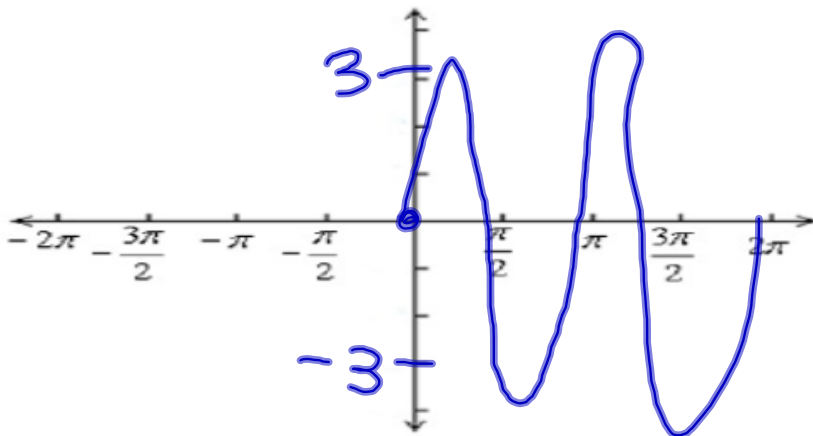
$$y = a \cos b x$$

Amplitude =

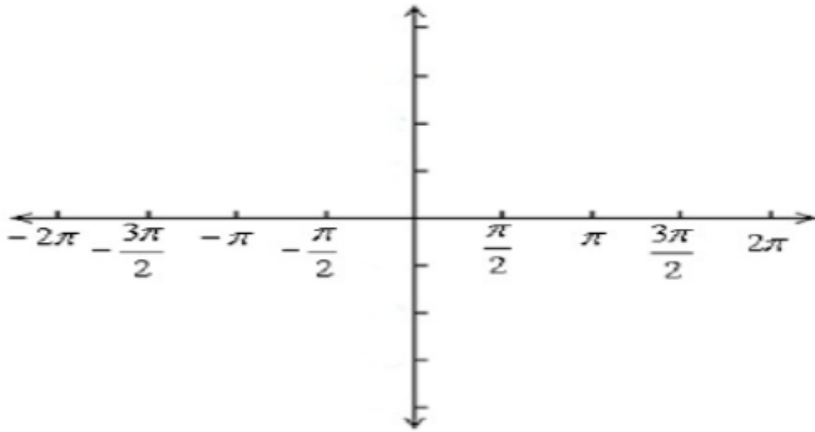
Frequency =

Period =

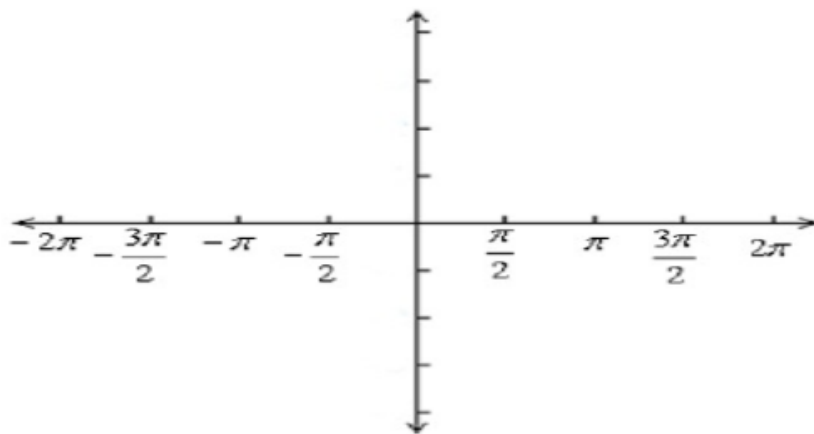
$$y=3\sin 2x$$



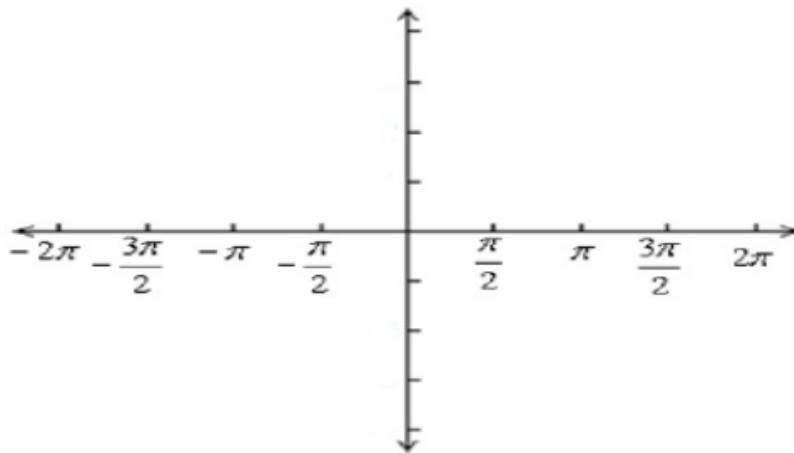
$$y = \frac{1}{2} \cos 2x$$



$$y = -\sin \frac{1}{2}x$$



Graph $y=\cos\frac{1}{2}x$ and $y=-\sin x$



Solve $\cos\frac{1}{2}x = -\sin x$

Homework: pg 724 #2-6, 9-11, 14,16,