

1.  $y = \cos 2x$   
Period  $T = 2\pi/2 = \pi$   
Amplitude  $A = 1$
2.  $y = -3\sin 3x$   
Period  $T = 2\pi/3$   
Amplitude  $A = 3$
3.  $y = 5\cos(3x - \pi/4)$   
Period  $T = 2\pi/3$   
Amplitude  $A = 5$

