

Phase Shift	Equation
$\frac{1}{4}\pi$	$y=8\sin(\frac{1}{3}(x-3\pi))-4$
A1	A2
Amplitude	Centerline
2.5	-2
A3	A4
Period	Phase Shift
$6\pi$	$-\frac{1}{2}\pi$
A5	A6
Period	Equation
$\frac{8}{3}\pi$	$y=4\sin(\frac{8}{3}x)-5$
A7	A8
Period	Centerline
$\frac{4}{3}\pi$	-3
A9	A10

Period	Equation
$\frac{3}{2}\pi$	$y = \sin\left(\frac{2}{3}(x - \frac{1}{2}\pi)\right) - 3$
B1	B2
Phase Shift	Amplitude
$3\pi$	5
B3	B4
Amplitude	Phase Shift
6	$\frac{1}{2}\pi$
B5	B6
Period	Centerline
$\frac{3}{4}\pi$	-4
B7	B8
Amplitude	Centerline
4	-1
B9	B10

Centerline		Period	
0		$1\pi$	
C1			C2
Equation		Amplitude	
$y=2\sin(\frac{4}{3}(x+\frac{1}{2}\pi))+2$		10	
C3			C4
Amplitude		Period	
3.5		$5\pi$	
C5			C6
Equation		Equation	
$y=3\sin(\frac{2}{5}(x-2\pi))+3$		$y=2.5\sin(\frac{3}{4}(x+\frac{1}{3}\pi))+1$	
C7			C8
Amplitude		Phase Shift	
8		$2\pi$	
C9			C10

Centerline 2	Centerline 1
D1	D2
Equation $y=6\sin(2(x-\frac{1}{4}\pi))+4$	Amplitude 3
D3	D4
Centerline 4	Phase Shift $\pi$
D5	D6
Centerline -5	Equation $y=10\sin(\frac{1}{2}(x+\pi))$
D7	D8
Amplitude 2	Amplitude 1
D9	D10

Period	Centerline	
$4\pi$	3	
E1		E2
Equation	Phase Shift	
$y=3.5\sin(\frac{3}{2}(x-\frac{1}{3}\pi))-2$	$-\pi$	
E3		E4
Phase Shift	Phase Shift	
$-\frac{1}{3}\pi$	$\frac{1}{3}\pi$	
E5		E6
Period	Phase Shift	
$2\pi$	0	
E7		E8
Equation	Period	
$y=5\sin(x-\pi)-1$	$3\pi$	
E9		E10

