

GRAPH THE FOLLOWING SHOW THE DISTINCTION OF
THE PHASE SHIFT

1) $y = 2 \sin 6x + 4$

2) $y = -\cos \pi(x-2) - 1$

3) $y = \frac{1}{2} \cos 2(x+\pi) + 4$

4) $y = -4 \sin \frac{\pi}{2}(x) - 2$

5) $y = \frac{1}{4} \cos 3(x+\frac{\pi}{3}) + 2$

6) $y = -3 \sin 4(x-\frac{3\pi}{2}) - 5$

7) $y = 2 \cos \pi(x-2) + 1$

8) $y = \frac{1}{2} \sin \frac{\pi}{4}(x+3) - 4$

9) $y = -4 \cos(x-\frac{\pi}{2}) + 3$

10) $y = \frac{1}{4} \sin(x+1) - 2$