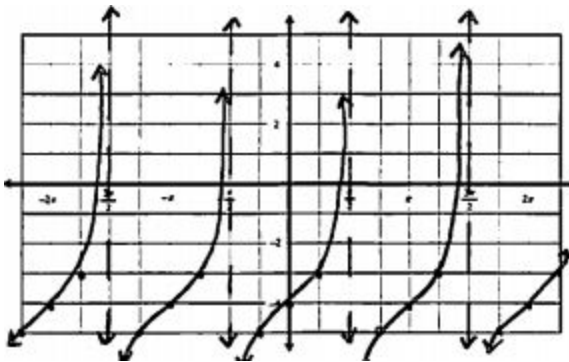


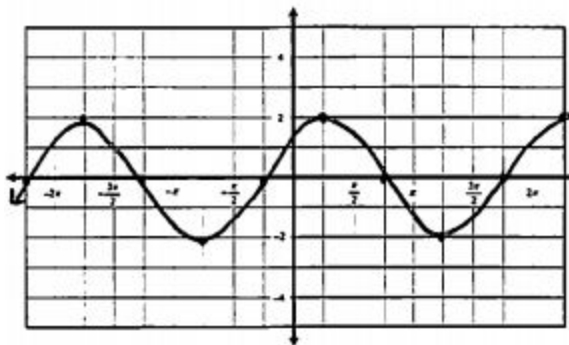
Amplitude: 1
 Period: 2π
 Phase Shift: π , left
 Vertical Shift: none
 Midline: $y=0$

1.



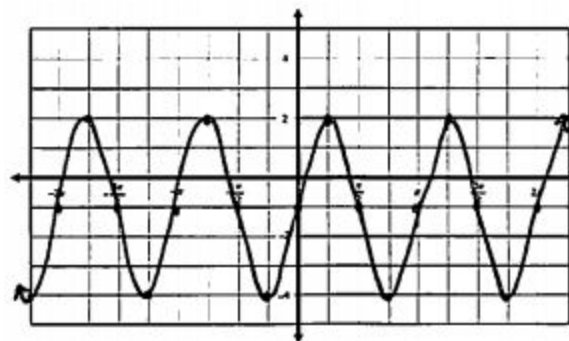
Amplitude: undef.
 Period: π
 Phase Shift: none
 Vertical Shift: down 4
 Midline: $y=-4$

2.



Amplitude: 2
 Period: 2π
 Phase Shift: $\pi/4$, right
 Vertical Shift: none
 Midline: $y=0$

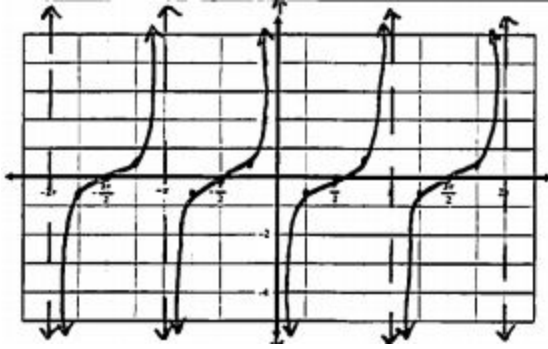
3.



Amplitude: 3
 Period: π
 Phase Shift: none
 Vertical Shift: down 1
 Midline: $y=-1$

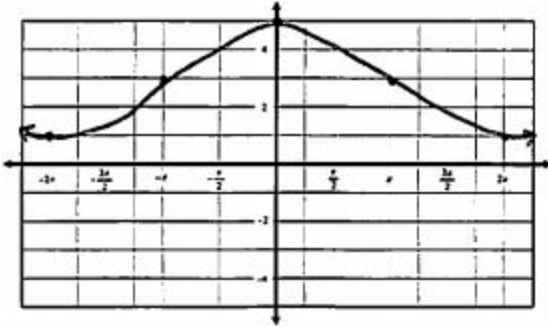
4.

5.



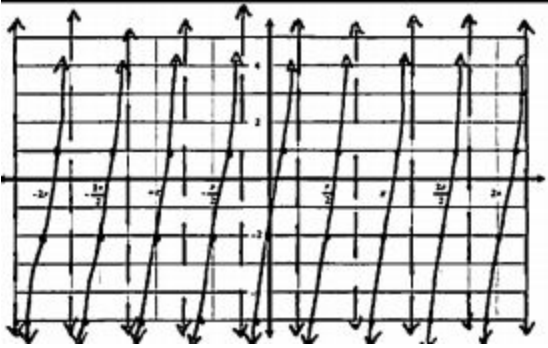
Amplitude: undef.
 Period: π
 Phase Shift: $\pi/2$, right
 Vertical Shift: none
 Midline: $y=0$

6.



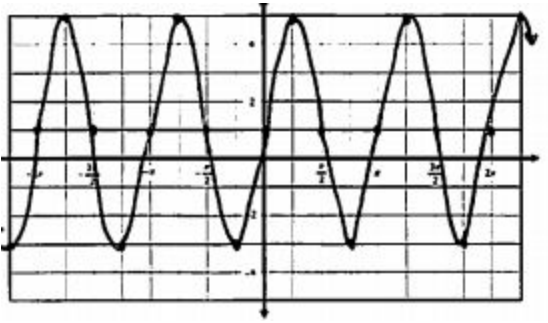
Amplitude: 2
 Period: 4π
 Phase Shift: none
 Vertical Shift: up 3
 Midline: $y=3$

7.



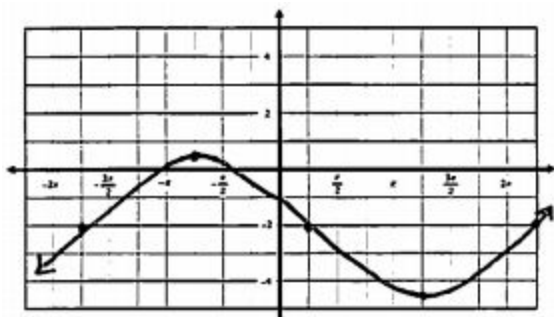
Amplitude: undef.
 Period: $\pi/2$
 Phase Shift: $\frac{5\pi}{4}$, left
 Vertical Shift: down 2
 Midline: $y=-2$

8.



Amplitude: 4
 Period: π
 Phase Shift: π , right
 Vertical Shift: up 1
 Midline: $y=1$

9.



Amplitude: $\frac{5}{2}$

Period: 4π

Phase Shift: $\frac{3\pi}{4}$, left

Vertical Shift: down 2

Midline: $y = -2$