

Math 3 Advanced

19.1 part 1 - KEY

Determine the range and period of each sinusoidal function.

1. Range:  $[0, 2]$   
Period:  $2\pi$

2. Range:  $[0, 2]$   
Period:  $2\pi$

3. Range:  $[-\frac{7}{6}, -\frac{1}{6}]$   
Period:  $2\pi$

4. Range:  $[-2, 4]$   
Period:  $2\pi$

5. Range:  $[-9, 7]$   
Period:  $2\pi$

6. Range:  $[4, 6]$   
Period:  $\pi$

7. Range:  $[-\frac{3}{2}, \frac{1}{2}]$   
Period:  $\frac{4\pi}{3}$

8. Range:  $[-1, 3]$   
Period:  $\pi$