

Math 3 Advanced

19.1 part 3

Determine the range and period of each sinusoidal function.

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

2. Range: $[-2, 0]$
Period: 2π

3. Range: $[0, 4]$
Period: 2π

4. Range: $[-\frac{21}{4}, \frac{19}{4}]$
Period: 2π

5. Range: $[\frac{21}{8}, \frac{27}{8}]$
Period: 2π

6. Range: $[0, 2]$
Period: 4π

7. Range: $[7, 9]$
Period: 2π

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