

[09-11-06A-T-11]
Trig graphs frequency (period)

$$\nu = \frac{2\pi}{T}, \nu = \text{frequency}, T = \text{period}$$

■ **Graph the following**

[1] $f(x) = \sin(2x)$

[2] $f(x) = \sin(3x)$

[3] $f(x) = \sin\left(\frac{x}{2}\right)$

[4] $f(x) = \sin\left(\frac{x}{3}\right)$

[5] $f(x) = \sin(4x)$

[6] $f(x) = \sin\left(\frac{x}{4}\right)$

[7] $f(x) = 2 \sin(3x)$

[8] $f(x) = 2 \sin\left(\frac{x}{2}\right)$

Answers



