

Sample Problem #1 from Video

$$y = -2\sin[3(x - 45^\circ) - 5]$$

$$(x, y) \longrightarrow \left(\frac{1}{3}x + 45^\circ, -2y - 5 \right)$$

$$y = \sin \theta$$

Key Points

Image Points

<u>x</u>	<u>y</u>	<u>x</u>	<u>y</u>
0°	0	45°	-5
90°	1	75°	-7
180°	0	105°	-5
270°	-1	135°	-3
360°	0	145°	-5