6.5 (cont.) Write the equation

Ex

Ampl. = 2

period = 5π $\rightarrow k = \frac{2\pi}{5\pi}$

P.S. = $-\frac{\pi}{2}$ $\rightsquigarrow -\frac{c}{\frac{2}{5}} \times \frac{-\pi}{2} \rightsquigarrow \frac{-2c}{-2} = \frac{-\frac{2}{5}\pi}{-2}$

$c = \frac{1}{5}\pi$

V.S. = 3

Find Cos.

$y = \pm 2\cos\left(\frac{2}{5}\theta + \frac{\pi}{5}\right) + 3$

#28 Sine Fn.

Ampl. = 7

period = 3π $\nearrow \frac{2\pi}{3\pi}$

P.S. = π $\searrow \frac{-c}{\frac{2}{3}} \times \frac{\pi}{1}$

V.S. = -7

$y = \pm 7\sin\left(\frac{2}{3}\theta - \frac{2}{3}\pi\right) - 7$

$-1c = \frac{2}{3}\pi$

$c = -\frac{2}{3}\pi$