

Angles, UC, Trig Graphs/Equations – Writing Sine/Cosine Equations

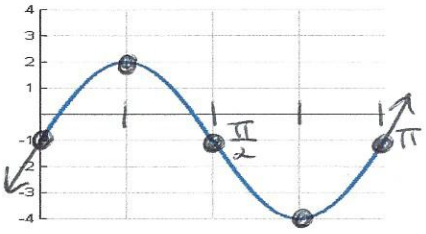
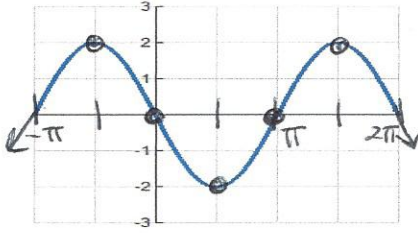
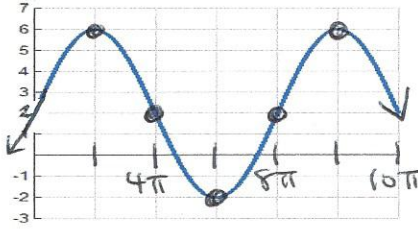
Sine Function → _____

Cosine Function → _____

where use the following “formulas” to find each parameter (the value of each letter):

a = _____ b = _____ c = _____ d = _____

Examples: Write the equation for the appropriate function.

Given Info	Function	Work to Find a , b , c , and d	Equation for Function
a.) amplitude = 4 , period = $\frac{\pi}{3}$, left by $\frac{\pi}{2}$, up by 5	sine		
b.) amplitude = 1 , period = 4π , right by 2π , down by 3	cosine		
c.) 			
d.) 			
e.) 			
f.) 