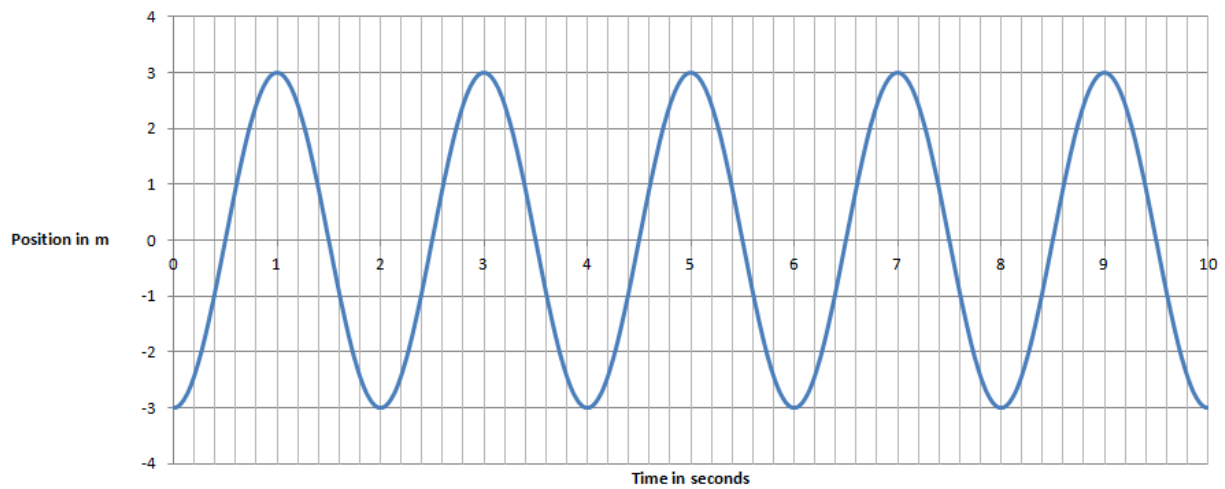


Name \_\_\_\_\_

What your parents call you when they are cheesed off \_\_\_\_\_



Given this graph of position vs. time for a SHO, determine:

1. Period = \_\_\_\_\_ Amplitude = \_\_\_\_\_
2. Write an equation for its position:
3. Write an equation for its velocity: (EC - write one for its acceleration)
4. At 4.2 seconds what is its position, velocity and acceleration?

5. Fill in the table qualitatively: (+ or - or 0)

Time	x	v	a
3.0 s			
1.5 s			
2.4 s			
3.8 s			
4.5 s			
4.0 s			