

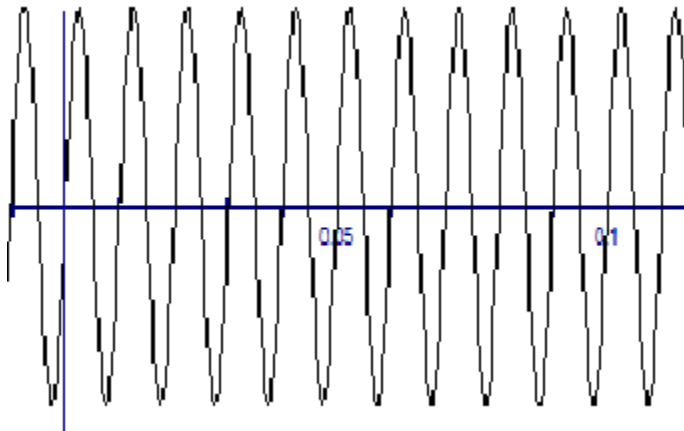
Homework 2 Math 48C Mitchell Schoenbrun  
 8.1 P. 502 1-15, 19, 35

- 1) No
- 2) No
- 3) No
- 4) Yes
- 5) Yes
- 6) No
- 7) Yes
- 8) Yes
- 9) 2
- 10) 4
- 11) 4
- 12) 5
- 13) 3
- 14) 48
- 15) 2

19)

x	y
0	10
1	14
2	2
3	8
4	10
5	14
6	2
7	8
8	10
9	14
10	2

35a)



35b)

Period =  $\frac{1}{60}$ th of second  
 Amplitude = 120Volts  
 Midline = 0 Volts

The period is the rate at which the voltage goes up and down  
 The Amplitude is the max and min of the voltage  
 The midline is between the max and min of the amplitude.