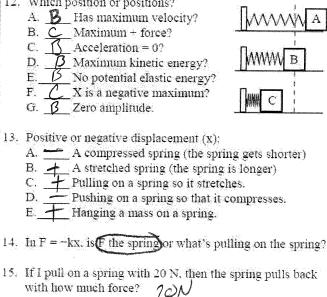


mass and a 60 N/m spring constant.



16. A 5 kg object stretches a spring 20 cm.

B. Find the spring constant.

A. How much force is pulling on the spring?

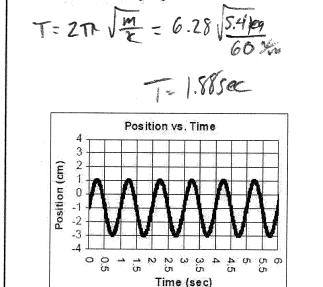
tw= Stg. 10ml2 = 50N

F= +XX - S&N=- X:20 m X= 250 /m

Fw= .3kg. 10m/12 = 3N

3N=-K,50m K= 6 /m

17. A 300 g mass stretches a spring 50 cm, find the spring



19. What is the amplitude of the above graph?

20. What is the period of the above graph?

