

Applications of Sinusoidal Graphs:

Midterm
Nov. 19/2013

Answers:

1) 10.14 m

2) a) 50 cm

b) 46.23 cm

3) 2.18 m

4) $T = 20.17$

so 8:10 PM

* c) $n = 99 \leftarrow$ (April 9th)

5) 1.22 m

6) 12.38 cm

7) 149.56 million km

8) b) 4.2 m

$$y = a \sin [K(t - 0.4)]$$