

January 18 2013 6th.gwb - 2/2 - Fri Jan 18 2013 12:37:33

(1b) max 15.03
min 9.33
b.
$$Anpl. = \frac{15.03 - 9.33}{3} = 2.85$$

c. $V.5 = 15.03 + 9.33 = 12.18$ $V = \frac{17}{4}$
d. $Per = 12$ $10 = \frac{2\pi}{4}$
 $e. 15.03 = 2.85 \sin(\frac{\pi}{6}(6) - c) + 12.18$
 -12.18 -12.18
 $2.85 = 2.85 \sin(\frac{\pi}{6} - c)$
 $1 = \sin(\pi - c)$
 $1 = \cos(\pi - c)$