


In class clicker-quizzes

Waves Lecture 3

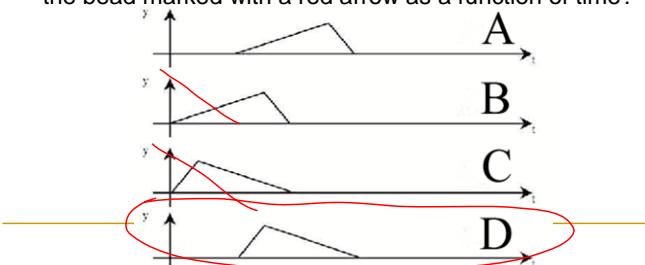
Quiz 1:

A string of beads are connected by a set of tiny springs. At the instant the clock starts ($t=0$), a pulse is moving to the right on the beads and the snapshot graph looks like this:

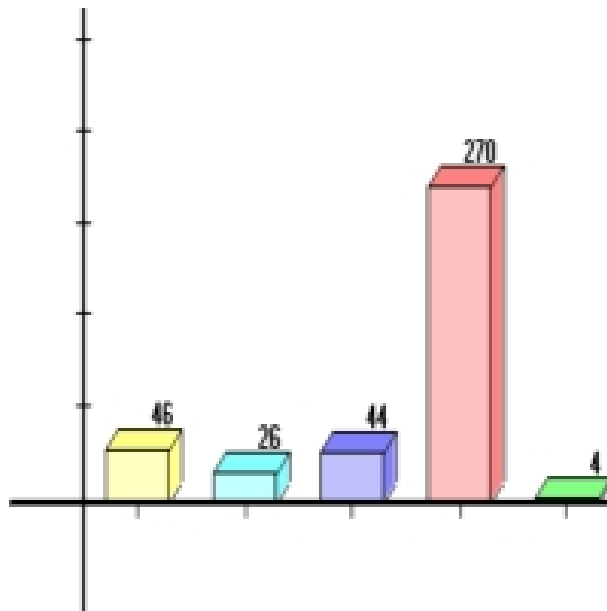
Pulse moving to the right



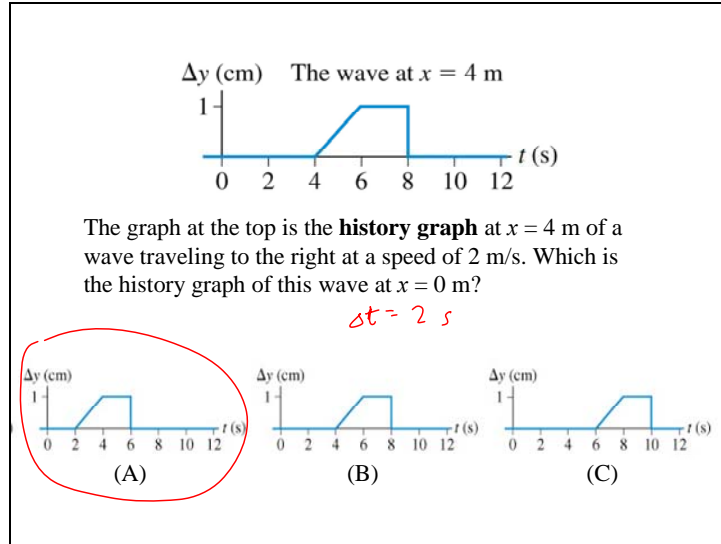
Which of the following history graphs tracks the position for the bead marked with a red arrow as a function of time?



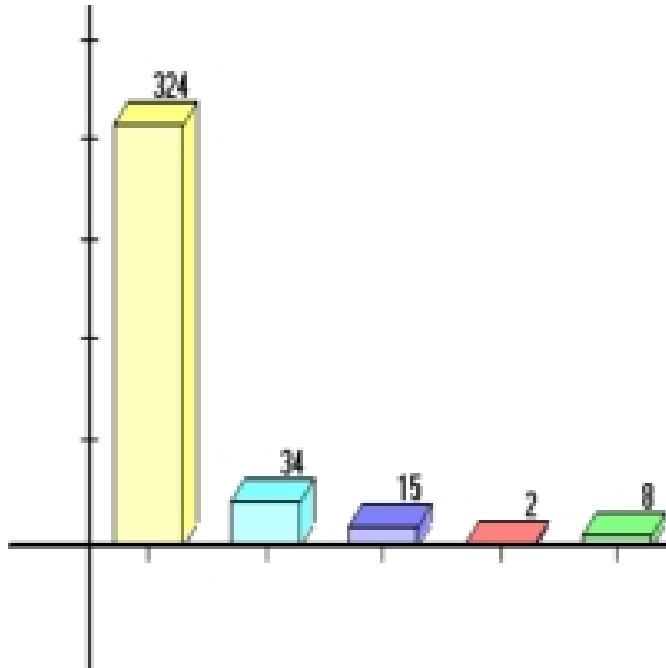
Class vote:



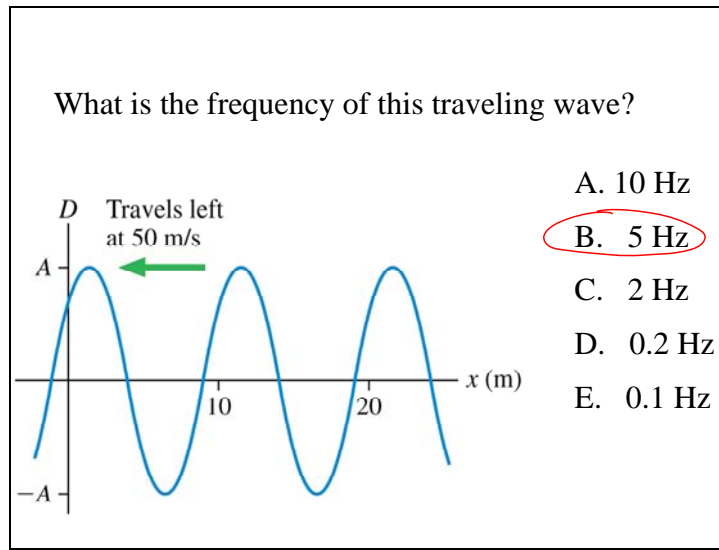
quiz 2



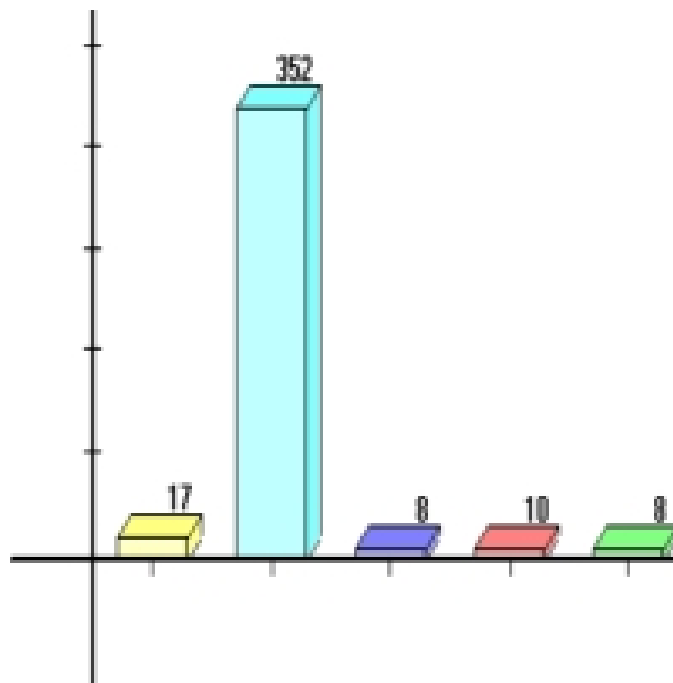
Class vote:



quiz 3



Class vote:



quiz 4

What is the phase difference between the maximum of a wave and the adjacent minimum? (crest to trough)

- A. 0
- B. $\pi/4$
- C. $\pi/2$
- D. $3\pi/2$
- E. π

Class vote:

