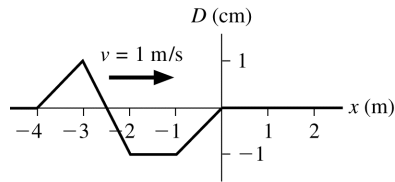


20.3. Model: This is a wave traveling at constant speed to the right at 1 m/s.

Visualize: Please refer to Figure Ex20.3. This is the history graph of a wave at $x = 0$ m. The graph shows that the $x = 0$ m point of the medium first sees the negative portion of the pulse wave at $t = 1$ s. Thus, the snapshot graph of this wave at $t = 1$ s must have the leading negative portion of the wave at $x = 0$ m.



Snapshot graph at $t = 1.0$ s