

HITT

A wave pulse has the form $y(x,t) = f(x-3t)$, where

$$f(x) = \begin{cases} x & 0 < x < 1 \\ 1-x & 1 < x < 2 \end{cases}$$

x is measured in meters and t in sec. What is the value of w at the peak of the pulse at $t=2s$?

- A) -1m B) 2m C) -3m D) 1m E) $\frac{1}{2}\text{m}$

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$$f(x) = \begin{cases} x & 0 < x < 1 \\ 1-x & 1 < x < 2 \end{cases}$$

x is measured in meters and t in sec. Where is the peak of the pulse located at $t=2s$?

- A) -6 m B) 6 m C) -3 m D) 2 m E) 7 m