

Quiz 1

Someone knocks over the first domino in a long string and they fall over one after the other.

1. Is this phenomenon a wave?
2. Is it a periodic wave?
3. What sort of wave is it?
 - a. not a wave
 - b. a transverse wave
 - c. a longitudinal wave
 - d. a transverse and longitudinal wave
 - e. neither a transverse nor a longitudinal wave
4. If four dominoes fall over per second and they are set 20 cm apart, what is the speed of the disturbance?
 - a. 80 m/s
 - b. 0.8 m/s
 - c. 1.25 m/s
 - d. 0.05 m/s
 - d. cannot be determined