

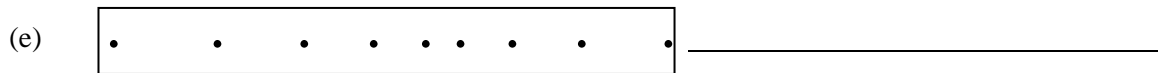
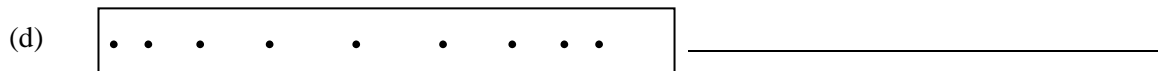
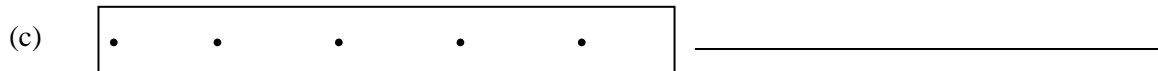
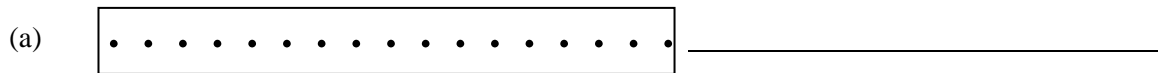
AP Physics 1
1.4 – Acceleration
Ticker-Tapes Practice Exercise

Name: _____ Period: _____

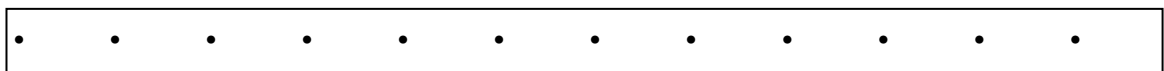
ANALYZING TICKER TAPES

(Assume 50 dots per second and tapes are actual size when asked to do calculations)

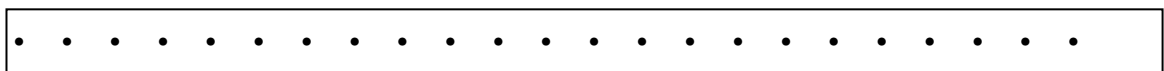
1. Describe the motion that produced the following ticker-tape portions. (A)



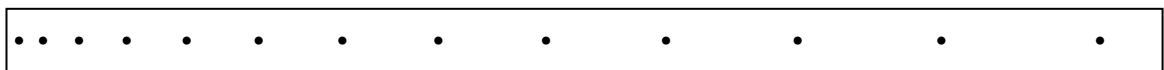
2. Calculate the speed at which the following ticker tape is being pulled through the ticker timer.



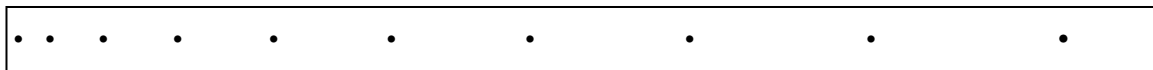
3. Calculate the average speed of the journey recorded by the following ticker tape.



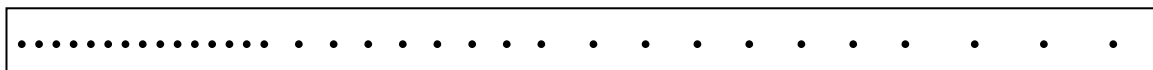
4. Describe the motion shown in the following ticker tape _____
Calculate the average speed of the journey.



5. Calculate the average speed of the journey represented by the following ticker tape.



6. Calculate the average speed of the journey represented by the following ticker tape.



7. Calculate the average speed of the journey represented by the following ticker tape.

