

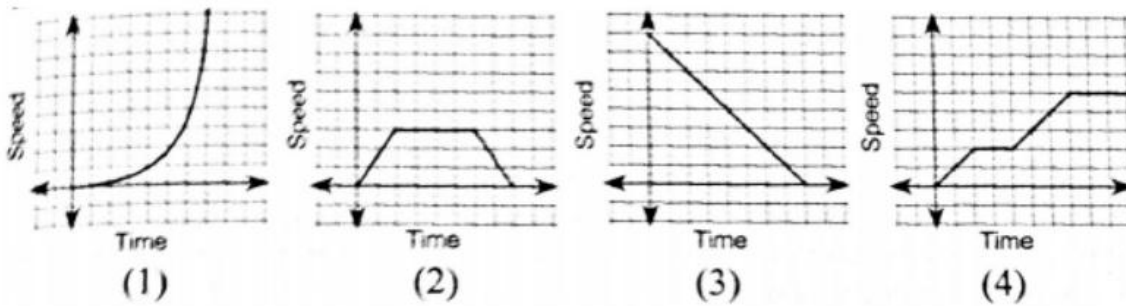
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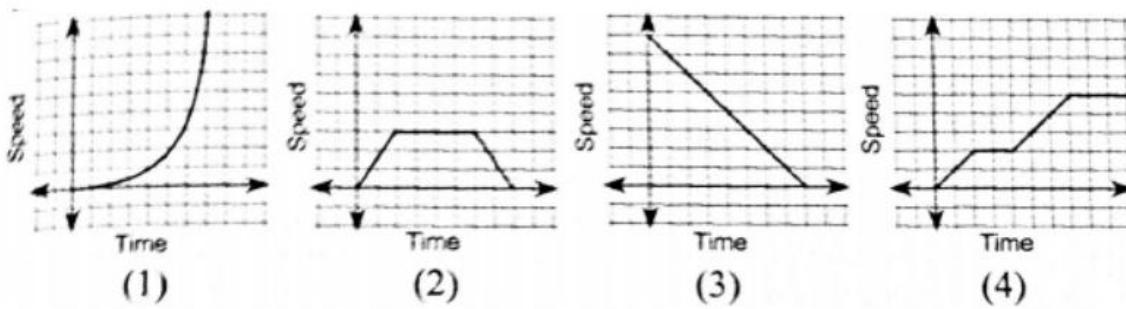
HW #19 Show all Work!

Period _____

1) Which graph can represent a portion of a car race in which the driver makes two stops for fuel?



2) Which graph represents the portion of a car race where they increased speed, stayed at a steady speed, and then decreased speed?



3) If you jumped in the air three times, what might the elevation versus time graph of that story look like?
Label the axes appropriately. Include a title and an appropriate scale for each axis. (Think about the video you watched in class.)



- 4) You have \$38.85, and you want to buy some tapes that each cost \$4.95. Write and solve an inequality to determine the greatest number of tapes that you can buy?
- 5) If 5 times a number is increased by 4, the result is at least 19. Find the least possible number that satisfies these conditions.
- 6) Jason is saving up to buy a digital camera that costs \$490. So far, he saved \$175. He would like to buy the camera 3 weeks from now. What is the equation used to represent how much he must save every week to have enough money to purchase the camera? How much must he save each week to have enough for the camera?
- 7) Adrian works in New York City and makes \$42 per hour. She works in an office and must get her suit dry cleaned everyday for \$75. If she wants to make more than \$260 a day, how many hours must she work? Set up an inequality and then solve it.