Linear Motion Review

Convert the following five metric units to their equivalent

1.	5000 grams =
	a) 5 grams b) 500 kilograms (c) 5 kilograms d) 0.5 kilograms
2.	753 millimeters =
	a) 0.753 centimeters b) 0.753 meters c) 7.53 meters d) 7.35 centimeters
3.	100 centimeters = 73.5cm
	a) 1 meter b) 1000 millimeters c) 0.001 kilometers d) a, b & c are correct
4.	1100 milliliters =
_	a) 1 liter (b) 1.100 liters c) 0.11 liters d) 11.00 liters
٥.	5.345 kilometers = (a) 5345 meters b) 5.345 meters c) 53.45 meters d) 53450 centimeters
1	(a) 5343 meters (b) 5.343 meters (c) 53.43 meters (d) 53430 centimeters
6.	is relative?
	a) Distance b) motion c) temperature d) life
	A car's odometer reads the cars?
	a) average velocity b) instantaneous velocity c) speed d) distance traveled
8.	A car going from San Francisco to LA has a speed of 120km/h, what is its velocity?
	a) 120 km/h, north b)120 km/h, east c)120 km/h, south d) 120 km/h, west
9.	Rate is defined as how much something changes per unit?
10	(a) time b) volume c) distance d) velocity
10	When things speed up, slow down or change direction they are? a) traveling (b) accelerating c) moving d) braking
	a) havening by accelerating c) moving a) braking

Use the following tables to answer the questions below

Table A

5
20
45
80
2

al	·In	D
 al	ole	D

Time (s)	Distance (m)
1	20
2200 2011	40
3	60
4	80

Table C

Time (s)	Distance (m)
II pratogojA	5
2	10
3	15
4	20

- 11. Which table indicates an object is accelerating?
 - a) table A b) table B
- c) table C
- d) table D
- 12. Which table indicates an object moving at the highest constant velocity?

 a) table A

 b) table B

 c) table C

 d) table D

 13. Which table indicates the distance an object would freefall?

- - a) table A b) table B
- c) table C d) table D
- 14. If an object is going 10 m/s for 10 seconds, what is its rate of acceleration?

