

1. Speed is defined as the _____ an object moves in a certain _____ period.

2. Speed that includes direction is called _____.

3. Acceleration includes _____ positive

_____ negative and

_____.

4. A plane flies 3000km from Hawaii to Los Angles in 6 hours what is the velocity of the plane? Include the direction. _____
Unit
km km/hr hr km/hr east km/hr west km/hr north

5. Look at the graph to the right. _____ is plotted on the Y-axis, and _____ is plotted in the X-axis.

_____ is the independent variable since it is plotted on the _____ axis.

6. If you made 7 trips to the grocery over the weekend, how many liters of gas would have been used?

7. Hard, shiny, ductile, and a good conductor of heat and electricity would describe a (**metal, non-metal**)

8. Decide if each of the statements about the concerns of using nuclear energy is **True** or **False**.

- _____ deal with the large amounts of fossil fuels required
- _____ prevent the depletion of the Ozone layer.
- _____ reduce the high levels of carbon dioxide emitted into the air.
- _____ store the waste products safely.

9. A chemical reaction that releases energy is called a(n) _____ reaction.

10. What would be the most appropriate metric unit to measure:

- _____ The length of your house or a swimming pool.
- _____ The length of a flies leg.

11. Joe rode his bike 80 meters in 20 seconds, what was his average speed? _____ unit
m s m/s

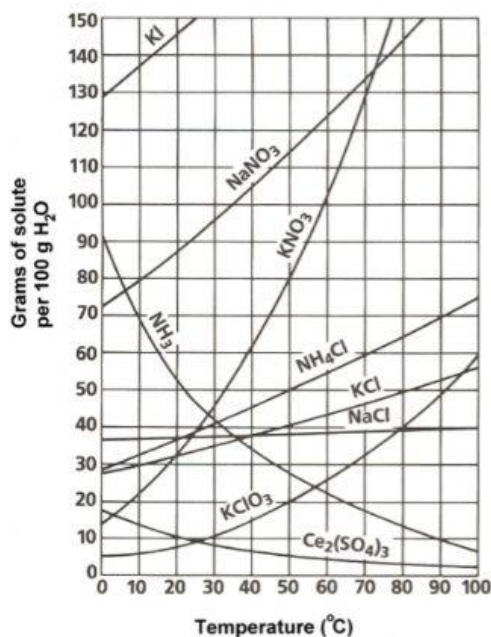
12. You travel a total of 800 miles to get to your destination. Your average speed is 40 mph.

How long will the trip take? _____ unit
m m/hr hr

13. Weight is a measure of the force of _____.

14. The amount of matter is a substance is _____.

15. A force is a _____ or a _____.



Activity that uses gasoline	Number of Liters used
Mowing the yard	1
Running a generator	5
Driving to the grocery	10
Driving to Grandma's house	150
Driving to West Virginia	400

