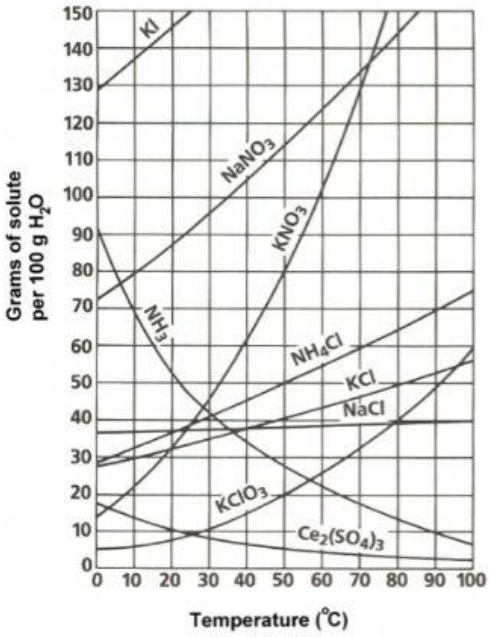
1. Speed is defined as the _____ an object moves in a certain _____ period.
2. Speed that includes direction is called _____.
3. Acceleration includes _____ positive _____ negative and _____ _____.
4. A plane flies 3000km from Hawaii to Los Angles in 6 hours what is the velocity of the plane? Include 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.

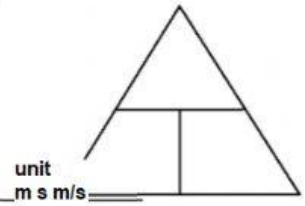


6. If you made 7 trips to the grocery over the weekend, how many liters of gas would have been used?

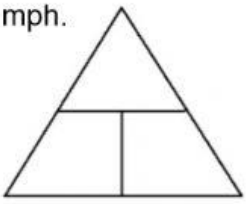
   _____

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

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**.
   a. _____ deal with the large amounts of fossil fuels required
   b. _____ prevent the depletion of the Ozone layer.
   c. _____ reduce the high levels of carbon dioxide emitted into the air.
   d. _____ 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:
    a. _____ The length of your house or a swimming pool.
    b. _____ 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 _____.

LIVEWORKSHEETS