25. Indicate which axis the independent and dependent variables should be plotted on, on the graph below.

Drag and Drop

Independent Variable

Dependent Variable

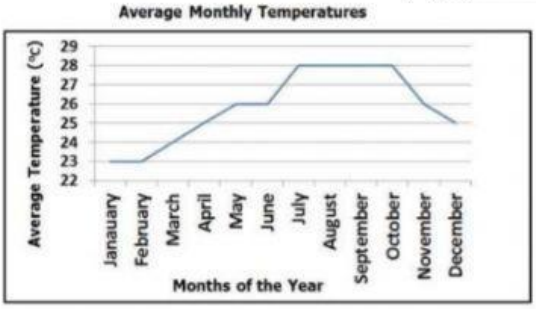
26. If the temperature of a material increases, the volume_____. This is an example of _____ _____.

27. You heat a solid and its size increases, because of _____ _____.

28. Chris is trying to break a record for blowing the biggest balloon. Chris is going to test different brands of balloons. Chris makes sure all of the balloons are blown up with air that is the same temperature. Chris compares all of the balloons to his standard brand, from Family Dollar. Drag and Drop **Different Brands of Balloons** **Size of the Balloon blows up to**

   a. The IV in this experiment is the _____
   b. The DV in this experiment is the _____
   c. The temperature of the air in the balloon is a(n) _____

29. Read the graph:



   a. What is plotted on the X – Axis: **Independent Variable** **Dependent Variable**
   b. What is plotted on the Y- Axis: **Independent Variable** **Dependent Variable**
   c. What is the IV (independent variable) : **Months of the Year** **Average Temperature**
   d. What is the DV (dependent variable): **Months of the Year** **Average Temperature**

30. Matter is defined as anything that has _____ and _____

31. The amount of matter in an object is _____