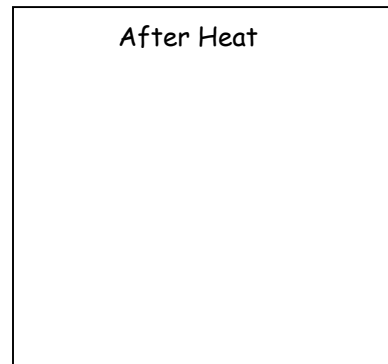
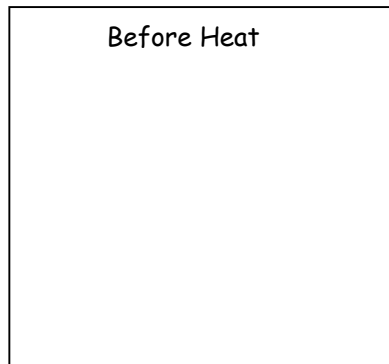


## Igneous Rocks

### Crayon Rocks:

- Place the multi-colored crayon shavings in a packet of aluminum.
- Each crayon shaving represents a mineral. How many different types of minerals are present in your sample?
  
- Make a sketch of your shavings in the "Before Heat" box below.
- Fold the edges up so that no shavings can escape.
- Carefully, holding on to one corner of the packet with forceps, hold the packet over the flame of the candle for a few seconds.
  
- Open the packet and observe. Repeat until you observe a noticeable change in the rocks.
- Make a sketch of your rocks after this process.



- How did these minerals change during this process?
- Describe what your minerals look like at the end of this process.
- What process caused this change?
- Can you identify specific minerals after this process? If so, are they large or small-grained?
- In your own words, describe how an igneous rock is formed.