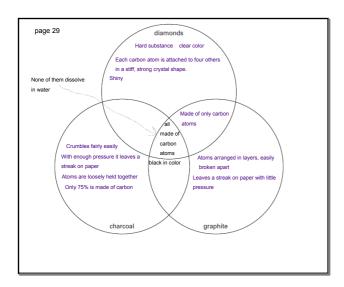


Properties of Matter: The categories we use to describe substances/matter. They do not change without changing the substance. Not Properties of Matter Properties of Matter Density Texture Hardness Mass Size Luster/Shine Shape Streak Bouyancy Color Flexibility Weight Magnetism

Nov 16-7:13 PM Nov 16-8:07 PM



page 30

1. Describe how atoms are arranged differently in graphite, charcoal, and diamond.

Grphite atoms are arranged in layers, like one sheet laid over another sheet.

Charcoal is only about 75% carbon atoms and those atoms are loosely attached in no particular order.

In diamonds, the carbon atoms are strongly attached to four other carbon atoms in a stiff/rigid 3 dimensional shape.

2. What makes carbon an element?

There is nothing in it but atoms of carbon in the element of carbon.

Nov 23-1:26 PM Nov 23-1:26 PM