I. Fill in the Blanks

A(n) <u>element</u> is a pure substance that is made of only one kind of atom. The symbol for a(n) <u>element</u> is always one or two letters. When the symbol contains two letters, the first letter is always <u>uppercase</u>, and the second letter is always <u>lowercase</u>.

II. Classify each of the following as an element (E), compound (C), homogeneous mixture/solution (S), or heterogeneous mixture (HE).

chocolate chip cookie	HE
oxygen gas	<u> </u>
salt water	<u>S</u>
taco	HE
gold	E
carbon dioxide	C
water	<u> </u>
kool aid	<u>S</u>
table salt	C
muddy water	HE
potassium	<u> </u>
brass	<u> </u>
graphite	E
glass	С
air	<u></u>