



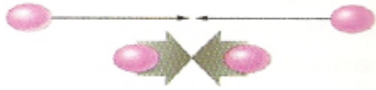
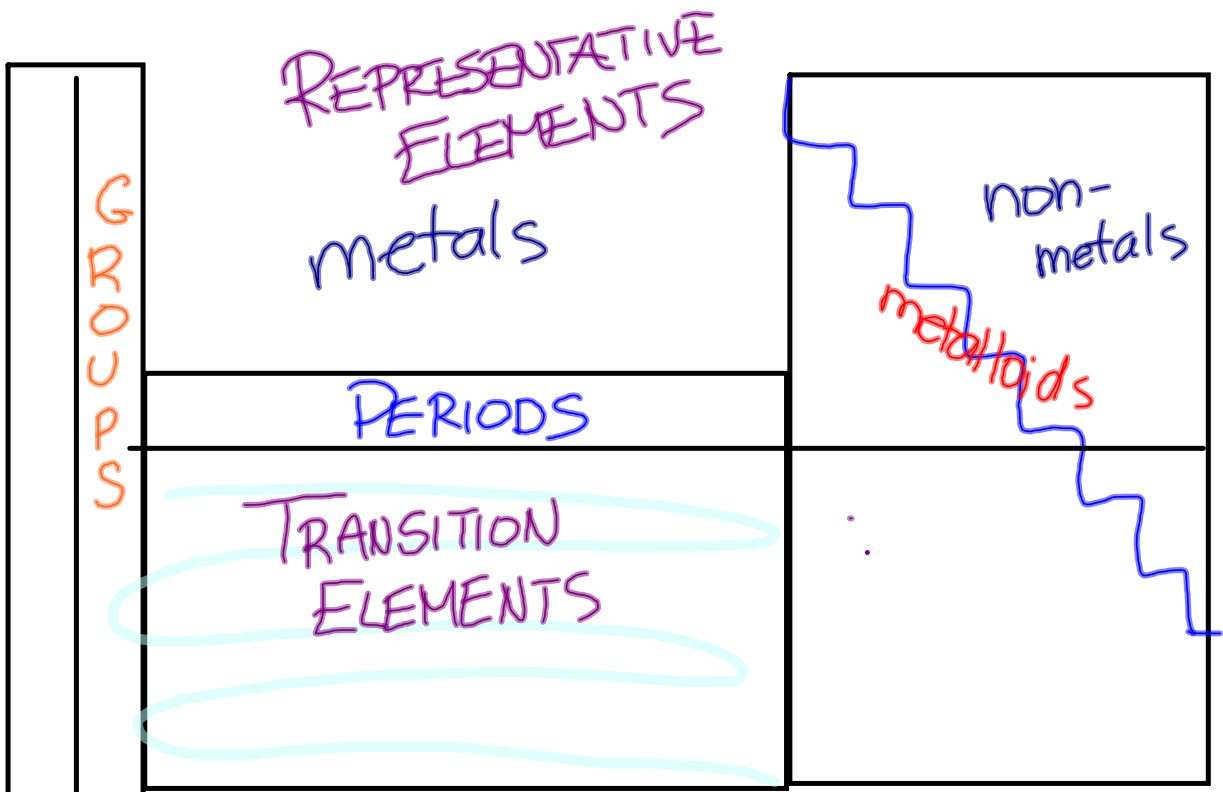


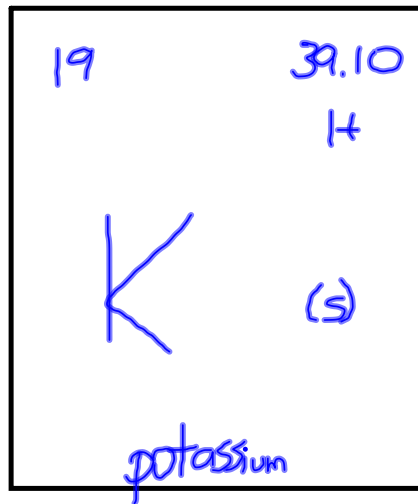
Case Studies

Table 1 The Particle Theory of Matter

Principle	Illustration
<p>1. All matter is made up of tiny particles.</p>	
<p>2. All particles of one substance are the same. Different substances are made of different particles.</p>	<p>substance A </p> <p>substance B </p>
<p>3. The particles are always moving. The more energy the particles have, the faster they move.</p>	 <p style="text-align: center;">hot cold</p>
<p>4. There are attractive forces between the particles. These forces are stronger when the particles are closer together.</p>	<p style="text-align: center;">particles far apart—force weak</p>  <p style="text-align: center;">particles close together—force strong</p>



□



CO

Element Name	Element Symbol	Atomic Number	Group	Period	m / nm	State	Family Name
potassium	K	19	1	4	m	S	alkali metals
						.	
						.	

Homework

Periodic Table Assignment