

1.6 Changes of state – melting and freezing

1. Solid, liquid, move out of, move around, touch each other, strongly.
2.
 - a. Sodium.
 - b. Sodium, lead, copper, manganese, iron, chromium.
 - c. Copper.

2.1 Elements and the periodic table

1. True – **a, d**.
False – **b, c, e**.
Correct versions of false statements:
 - b.** An element cannot be split up to make other substances.
 - c.** There are about 100 elements
 - e.** In the periodic table, metals are on the left of the stepped line.
2. Elements – gold, copper, vanadium, iodine, oxygen, chlorine.

3. Metals – lithium, manganese, nickel, rhodium, tungsten, vanadium, yttrium, zirconium.
Non-metals – oxygen, phosphorus, sulfur, xenon.
4. a. Hydrogen, helium.
b. Nitrogen.
c. Carbon.
d. Silver.
e. Iron.

2.3 Chemical symbols

1. a. Mg
b. Be
c. Fe

2.

Name of element	chemical symbol
hydrogen	H
helium	He
lithium	Li
beryllium	Be
boron	B

carbon	C
nitrogen	N
oxygen	O
fluorine	F
neon	Ne

3. **Chemical symbol** **Name of element**

Na	sodium
Mg	magnesium
Al	aluminium
Si	silicon
P	phosphorus
S	sulfur
Cl	chlorine
Ar	argon
K	potassium
Ca	calcium

4. Re V I Si O N I S Ne Ce S S Ar Y – revision is necessary.