

Year 8

Task 6 Chemistry 1 Test Answer Sheet

Name: Solutions

Section 1: Multiple choice:

10 Questions – place a cross (X) on your selection

1. A B ~~C~~ D
2. ~~A~~ B C D
3. A ~~B~~ C D
4. A B ~~C~~ D
5. ~~A~~ B C D
6. A ~~B~~ C D
7. A B ~~C~~ D
8. A ~~B~~ C D
9. A B C ~~D~~
10. A B ~~C~~ D

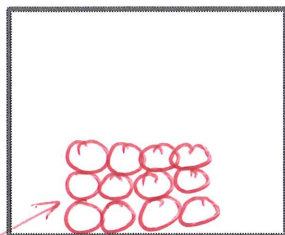
11. A B ~~C~~ D
12. A B ~~C~~ D
13. ~~A~~ B C D
14. A B C ~~D~~
15. ~~A~~ B C D

① each

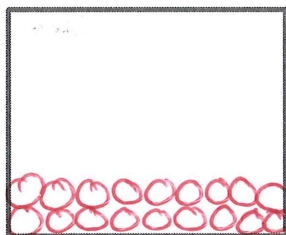
Multiple choice mark: 15 marks *total.*

Section 2: Written section

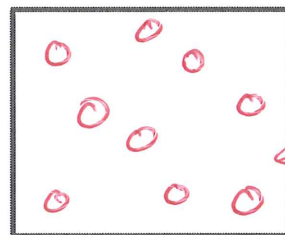
1.



Solid



Liquid



Gas

①/2 each for the label
①/2 each for the diagram.
← Fills the container.

fixed shape.

shape of container bottom

1 mark each –
Mark achieved: 3 marks

2. The particles move faster when heated. ← ①/2
As they move faster they break the
bonds and they spread out into ← ①/2
the container

Mark achieved: 1 mark

3. a) H

b) O

c) C

d) Na

1/2 mark each

Marks achieved: 2 / 2 marks total

4. a) zinc

b) silver

c) chlorine

d) iron

1/2 mark each

Marks achieved: 2 / 2 marks

5. a) H₂SO₄

b) NH₃

c) CO₂

d) NaHCO₃

1 mark each

Marks achieved: 4 / 4 marks

6. a) sodium chloride / salt

b) acetic acid / ethanoic acid

c) octane

d) calcium carbonate

1 mark each

Marks achieved: 4 / 4 marks

7. Absolute zero is the theoretical temperature at which particles stop moving/vibrating. - (1)

This is at approximate -273°C - (1)

Marks achieved: 2 / 2 marks total

8. A balloon stays the same size because the inside pressure equals outside pressure. - (1)
At altitude, atmospheric pressure is lower, therefore the balloon gets bigger. - (1)

Marks achieved: 2 / 2 marks

END OF TEST