

Chemistry Quiz 2 Review

Pg. 206 #1-11

1. The smallest amount of an element that can exist is an atom.

2.

Particle	Charge	Location	Relative mass
Electron	1-	Shells or energy levels	Tiny
Neutron	0	Nucleus	large

3. 2, 8, 8

4. Students should list three of the halogens (fluorine, chlorine, bromine, and iodine). Students' answers to the second part of the question may vary but could include a shared property such as having noticeable colours or being very reactive.

5. (a) plumbum

(b) Pb

6. Students' answers may vary but could include carbon, phosphorus, sulphur, and selenium.

7. An insulator does not allow the flow of electrons or heat. A conductor does. Silicon is an example of a weak conductor.

8. (a) technetium

(b) dysprosium

9. (a) 4

(b) 2

(c) helium

10.



11.(a) The fact that mercury is shiny and silver in colour probably led early chemists to classify it as a metal.

(b) Unlike most metals, mercury is liquid at room temperature.