

Answers to Chemistry Review Quiz

1. a) 28 b) 5.9 cm

2. a) KBr b) magnesium iodide c) cobalt (III) sulphide d) SnO_2 e) carbon tetrachloride

3. a) $\text{Mg}_{(s)} + \text{O}_{2(g)} \rightarrow \text{MgO}$ b) $\text{K}_2\text{CO}_{3(s)} + \text{HCl}_{(aq)} \rightarrow \text{KCl}_{(aq)} + \text{H}_2\text{O}_{(l)}$

4. a) 58.5 g/mole b) 138.2 g/mole

5. 0.039 moles

6. 2.1 M