

### 1.3 EXERCISE 4 – Structure and bonding summary 1

Predict which of the following pairs of substances is likely to have the higher melting point, giving reasons for your choice:

1. Na and Mg
2. Na and K
3. NaCl and NaBr
4. NaCl and MgO
5. C and Si
6. Ne and Ar
7. F<sub>2</sub> and Cl<sub>2</sub>
8. NH<sub>3</sub> and PH<sub>3</sub>
9. NaCl and HCl
10. SiO<sub>2</sub> and CO<sub>2</sub>