

Use the periodic table to help you answer these questions.

1 How many different elements are present in the following compounds?

- | | | | |
|---------------------------|-------|--------------------------------|-------|
| a KCl | _____ | b NaBr | _____ |
| c CaI_2 | _____ | d CuCl_2 | _____ |
| e Al_2O_3 | _____ | f NH_4OH | _____ |
| g NaNO_3 | _____ | h NH_4NO_3 | _____ |
| i CuCO_3 | _____ | j $\text{Al}_2(\text{SO}_4)_3$ | _____ |

2 Name each element present in the following ionic compounds:

- | | |
|------------------------------|-------|
| a NaCl | _____ |
| b CaCO_3 | _____ |
| c Fe_2O_3 | _____ |
| d NH_4Br | _____ |
| e $\text{Mg}(\text{OH})_2$ | _____ |
| f KI | _____ |
| g $\text{Al}(\text{NO}_3)_3$ | _____ |
| h CuSO_4 | _____ |

3 Name each element present in the following ionic compounds:

- | |
|--------------------------------------|
| a NaF |
| b RbBr |
| c BaSO_4 |
| d V_2S_3 |
| e WC |
| f $\text{Na}_2\text{Cr}_2\text{O}_7$ |
| g BF_3 |
| h KMnO_4 |