

# Further Pure 3 Notes

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## Group Theory

### 1.1 Background Work

#### Set Notation

$$A = \{\text{Colours of the rainbow}\}$$

$$\begin{array}{c} Red \in A \\ \uparrow \\ \text{Is an element of.} \end{array}$$

$$\text{or } B\{2, 5, 11, 17\}$$

$$\begin{array}{c} \text{or } C = \{x : x > 2\} \\ \uparrow \\ \text{Such that.} \end{array}$$