

## Section 1: Algebra

### Chapter 2

#### Exercise E

$$\begin{aligned} \text{(iii)} \quad (2 - \sqrt{7})(\sqrt{7} - 1) &= 2(\sqrt{7} - 1) - \sqrt{7}(\sqrt{7} - 1) \\ &= 2\sqrt{7} - 2 - (\sqrt{7})^2 + \sqrt{7} \\ &= 3\sqrt{7} - 2 - 7 \\ &= \underline{\underline{3\sqrt{7} - 9}} \end{aligned}$$