

$$\begin{aligned} \textcircled{4} \quad (\sqrt{27} - \sqrt{6}) \div \sqrt{3} &= \sqrt{9} - \sqrt{2} \\ &= \underline{\underline{3 - \sqrt{2}}} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{\sqrt{7} + \sqrt{6}}{\sqrt{2}} &= \frac{\sqrt{2}(\sqrt{7} + \sqrt{6})}{\sqrt{2} \times \sqrt{2}} \\ &= \frac{\sqrt{14} + \sqrt{12}}{2} \\ &= \frac{\sqrt{14} + \sqrt{2 \times 2 \times 3}}{2} \\ &= \frac{\sqrt{14} + 2\sqrt{3}}{2} \end{aligned}$$

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$$\begin{aligned} \textcircled{6} \quad \frac{\sqrt{8} - \sqrt{15}}{\sqrt{5}} &= \frac{\sqrt{5}(\sqrt{8} - \sqrt{15})}{\sqrt{5} \times \sqrt{5}} \\ &= \frac{\sqrt{5} \times 2\sqrt{2} - \sqrt{5} \times \sqrt{15}}{5} \\ &= \frac{2\sqrt{10} - 5\sqrt{1 \times 3}}{5} \\ &= \frac{2\sqrt{10} - 5\sqrt{3}}{5} \end{aligned}$$