

50. 長い式の展開

1 計算しなさい。

$$\textcircled{1} (\sqrt{6}+3)(\sqrt{6}-5) + (\sqrt{6}+2)(\sqrt{6}-2)$$

$$\textcircled{2} (2\sqrt{3}+\sqrt{5})(2\sqrt{3}+3\sqrt{5}) + (\sqrt{3}-2\sqrt{5})^2$$

$$\textcircled{3} (\sqrt{2}+\sqrt{3})(\sqrt{2}+2\sqrt{3}) + (\sqrt{2}+1)(\sqrt{3}+\sqrt{6})$$

$$\textcircled{4} (\sqrt{7}+\sqrt{2})^2 + (\sqrt{7}-\sqrt{2})^2$$

$$\textcircled{5} (\sqrt{5}+3)(\sqrt{5}-3) + (\sqrt{7}-1)(\sqrt{7}+4)$$

$$\textcircled{6} (\sqrt{3}+2)^2 + (\sqrt{3}+5)(\sqrt{3}+6)$$