

次の計算をなさい。

(1) $\sqrt{2}(2\sqrt{2} + 1)$

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

(3) $\sqrt{18}(\sqrt{3} + \sqrt{2})$

(4) $(\sqrt{2} - \sqrt{3})(\sqrt{2} - 2\sqrt{3})$

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

(6) $(\sqrt{6} - 2)^2$

(7) $(2\sqrt{3} - \sqrt{7})^2$

(8) $(\sqrt{15} - \sqrt{6})(\sqrt{15} + \sqrt{6})$

(9) $(\sqrt{50} + 3\sqrt{2})(5\sqrt{2} - \sqrt{18})$

(10) $-(\sqrt{5} - \sqrt{8})^2$