

平方根 $\langle (a \pm b)(c \pm d) \rangle$ No.1

1. 次の式を簡単にせよ。

(1) $(\sqrt{18} - \sqrt{3})(\sqrt{2} - \sqrt{27})$

答. _____

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

答. _____

(3) $(\sqrt{2} - 1)(\sqrt{2} - 3)$

答. _____

(4) $(\sqrt{2} - \sqrt{3})(\sqrt{2} + \sqrt{27})$

答. _____

(5) $(\sqrt{12} + \sqrt{8})^2$

答. _____

(6) $(\sqrt{3} + \sqrt{5})(\sqrt{3} - \sqrt{45})$

答. _____

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

答. _____

(8) $(\sqrt{3} - 2\sqrt{5})(\sqrt{12} - \sqrt{45})$

答. _____

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

答. _____

(10) $(3\sqrt{2} - \sqrt{12})(\sqrt{2} - \sqrt{3})$

答. _____

平方根 $\langle (a \pm b)(c \pm d) \rangle$ No.2

1. 次の式を簡単にせよ。

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

答. _____

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

答. _____

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

答. _____

(4) $(\sqrt{45} - \sqrt{2})(3\sqrt{5} + \sqrt{2})$

答. _____

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

答. _____

(6) $(\sqrt{3} - \sqrt{2})(\sqrt{27} - \sqrt{8})$

答. _____

(7) $(\sqrt{2} - \sqrt{3})(\sqrt{8} - \sqrt{3})$

答. _____

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

答. _____

(9) $(\sqrt{2} - 1)(3\sqrt{2} - 1)$

答. _____

(10) $(2\sqrt{2} - 1)(\sqrt{2} - 1)$

答. _____

平方根 $\langle (a \pm b)(c \pm d) \rangle$ No.3

1. 次の式を簡単にせよ。

(1) $(1 - \sqrt{3})(1 + \sqrt{3})$

答. _____

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

答. _____

(3) $(2\sqrt{2} - \sqrt{45})(\sqrt{2} + \sqrt{20})$

答. _____

(4) $(\sqrt{2} - 1)^2$

答. _____

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

答. _____

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

答. _____

(7) $(3\sqrt{2} + 3)(\sqrt{18} + 1)$

答. _____

(8) $(2\sqrt{2} - \sqrt{20})(\sqrt{2} + \sqrt{5})$

答. _____

(9) $(2\sqrt{2} + \sqrt{12})(\sqrt{2} - \sqrt{3})$

答. _____

(10) $(\sqrt{2} - 2)(2\sqrt{2} - 1)$

答. _____

平方根 $\langle (a \pm b)(c \pm d) \rangle$ No.4

1. 次の式を簡単にせよ。

(1) $(1 + \sqrt{3})^2$

答. _____

(2) $(\sqrt{5} - \sqrt{3})(\sqrt{5} + \sqrt{27})$

答. _____

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

答. _____

(4) $(3\sqrt{2} - 1)(\sqrt{2} - 1)$

答. _____

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

答. _____

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

答. _____

(7) $(\sqrt{2} - \sqrt{27})(\sqrt{2} - \sqrt{3})$

答. _____

(8) $(\sqrt{3} - \sqrt{5})(\sqrt{3} - \sqrt{45})$

答. _____

(9) $(2 - \sqrt{12})(3 - \sqrt{3})$

答. _____

(10) $(3\sqrt{5} + 2\sqrt{3})(2\sqrt{5} - \sqrt{3})$

答. _____

平方根 $\langle (a \pm b)(c \pm d) \rangle$ No.5

1. 次の式を簡単にせよ。

(1) $(1 - \sqrt{2})^2$

答. _____

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

答. _____

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

答. _____

(4) $(\sqrt{8} - \sqrt{5})(2\sqrt{2} + \sqrt{20})$

答. _____

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

答. _____

(6) $(2\sqrt{2} - \sqrt{3})(\sqrt{2} + \sqrt{27})$

答. _____

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

答. _____

(8) $(\sqrt{3} + 1)^2$

答. _____

(9) $(\sqrt{20} - 2\sqrt{3})(\sqrt{5} - \sqrt{3})$

答. _____

(10) $(\sqrt{12} + 3\sqrt{2})(\sqrt{3} - \sqrt{18})$

答. _____