

平方根  $\langle (a+b)(a-b)/(a \pm b)^2 \rangle$  No.1

1. 次の式を簡単にせよ。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(10)  $(\sqrt{12} - \sqrt{5})(\sqrt{12} + \sqrt{5})$

答. \_\_\_\_\_

平方根  $\langle (a+b)(a-b)/(a \pm b)^2 \rangle$  No.2

1. 次の式を簡単にせよ。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(4)  $(\sqrt{12} - \sqrt{45})(\sqrt{12} + \sqrt{45})$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(7)  $(3\sqrt{5} - \sqrt{2})(3\sqrt{5} + \sqrt{2})$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(9)  $(\sqrt{8} + \sqrt{27})^2$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

平方根  $\langle (a+b)(a-b)/(a \pm b)^2 \rangle$  No.3

1. 次の式を簡単にせよ。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(6)  $(1 - \sqrt{2})^2$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(8)  $(2\sqrt{2} - 1)^2$

答. \_\_\_\_\_

(9)  $(\sqrt{27} - \sqrt{5})^2$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

平方根  $\langle (a+b)(a-b)/(a \pm b)^2 \rangle$  No.4

1. 次の式を簡単にせよ。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(4)  $(\sqrt{18} - 2\sqrt{3})^2$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

平方根  $\langle (a+b)(a-b)/(a \pm b)^2 \rangle$  No.5

1. 次の式を簡単にせよ。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_