平方根＜分配法則＞　Ｎｏ．１

1. 次の式を簡単にせよ。

(1) $\sqrt{12}\left(1+2\sqrt{3}\right)$

答. ＿＿＿＿＿＿＿＿＿＿

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

答. ＿＿＿＿＿＿＿＿＿＿

(3) $\sqrt{18}\left(\sqrt{18}-\sqrt{3}\right)$

答. ＿＿＿＿＿＿＿＿＿＿

(4) $\sqrt{8}\left(\sqrt{3}+\sqrt{2}\right)$

答. ＿＿＿＿＿＿＿＿＿＿

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

答. ＿＿＿＿＿＿＿＿＿＿

(6) $\sqrt{2}\left(2\sqrt{2}+1\right)$

＿＿＿＿＿＿＿＿＿＿

答. ＿＿＿＿＿＿＿＿＿＿

(7) $\sqrt{12}\left(\sqrt{27}-\sqrt{2}\right)$

答. ＿＿＿＿＿＿＿＿＿＿

(8) $2\sqrt{2}\left(\sqrt{18}+1\right)$

答. ＿＿＿＿＿＿＿＿＿＿

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

答. ＿＿＿＿＿＿＿＿＿＿

(10) $\sqrt{12}\left(2\sqrt{2}-2\right)$

答. ＿＿＿＿＿＿＿＿＿＿

平方根＜分配法則＞　Ｎｏ．２

1. 次の式を簡単にせよ。

(1) $\sqrt{2}\left(1-\sqrt{5}\right)$

答. _____

(2) $3\sqrt{3}\left(\sqrt{2}-\sqrt{12}\right)$

答. _____

(3) $\sqrt{3}\left(\sqrt{12}-\sqrt{2}\right)$

答. _____

(4) $\sqrt{18}\left(\sqrt{2}-1\right)$

答. _____

(5) $\sqrt{3}\left(\sqrt{8}+\sqrt{5}\right)$

答. _____

(6) $\sqrt{45}\left(\sqrt{2}-\sqrt{3}\right)$

答. _____

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

答. _____

(8) $\sqrt{3}\left(\sqrt{5}-1\right)$

答. _____

(9) $\sqrt{2}\left(2\sqrt{2}+\sqrt{5}\right)$

答. _____

(10) $\sqrt{2}\left(\sqrt{27}-\sqrt{2}\right)$

答. _____

平方根＜分配法則＞　Ｎｏ．３

1. 次の式を簡単にせよ。

(1) $\sqrt{27}\left(\sqrt{27}-\sqrt{8}\right)$

答. _____

(2) $\sqrt{3}\left(2\sqrt{5}+\sqrt{2}\right)$

答. _____

(3) $\sqrt{3}\left(\sqrt{27}-\sqrt{20}\right)$

答. _____

(4) $3\sqrt{2}\left(\sqrt{5}-\sqrt{2}\right)$

答. _____

(5) $\sqrt{3}\left(\sqrt{18}-3\sqrt{3}\right)$

答. _____

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

_____

答. _____

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

答. _____

(8) $\sqrt{5}\left(1-\sqrt{2}\right)$

答. _____

(9) $2\sqrt{3}\left(3\sqrt{3}+\sqrt{18}\right)$

答. _____

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

答. _____

平方根＜分配法則＞　Ｎｏ．４

1. 次の式を簡単にせよ。

(1) $\sqrt{12}\left(\sqrt{2}-\sqrt{3}\right)$

答. _____

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

答. _____

(3) $\sqrt{3}\left(\sqrt{3}-1\right)$

答. _____

(4) $\sqrt{3}\left(\sqrt{2}-\sqrt{20}\right)$

答. _____

(5) $\sqrt{2}\left(\sqrt{2}-1\right)$

答. _____

(6) $\sqrt{3}\left(\sqrt{3}-2\sqrt{5}\right)$

答. _____

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

答. _____

(8) $\sqrt{27}\left(2\sqrt{2}+2\right)$

答. _____

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

答. _____

(10) $2\sqrt{3}\left(1-2\sqrt{2}\right)$

答. _____

平方根＜分配法則＞　Ｎｏ．５

1. 次の式を簡単にせよ。

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

答. _____

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

答. _____

(3) $\sqrt{3}\left(\sqrt{3} + \sqrt{2}\right)$

答. _____

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

答. _____

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

答. _____

(6) $3\sqrt{5}\left(\sqrt{2} + 3\right)$

答. _____

(7) $2\sqrt{5}\left(2 + \sqrt{18}\right)$

答. _____

(8) $2\sqrt{3}\left(\sqrt{18} + 2\right)$

答. _____

(9) $\sqrt{2}\left(\sqrt{3} - 2\right)$

答. _____

(10) $\sqrt{8}\left(1 + \sqrt{3}\right)$

答. _____