

# 平方根＜分母の有利化 2＞ No.1

1. 次の数の分母を有理化せよ。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(3)  $\frac{\sqrt{7} - \sqrt{6}}{\sqrt{7}}$

答. \_\_\_\_\_

(4)  $\frac{3 - \sqrt{5}}{\sqrt{7}}$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(6)  $\frac{\sqrt{5} + 2}{\sqrt{7}}$

答. \_\_\_\_\_

(7)  $\frac{2\sqrt{2} + \sqrt{5}}{2\sqrt{2}}$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(10)  $\frac{\sqrt{7} - 2\sqrt{2}}{\sqrt{2}}$

答. \_\_\_\_\_

## 平方根＜分母の有利化 2＞ No.2

1. 次の数の分母を有理化せよ。

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

答. \_\_\_\_\_

(2)  $\frac{\sqrt{7} - 3}{\sqrt{6}}$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(6)  $\frac{\sqrt{5} - 2}{\sqrt{2}}$

答. \_\_\_\_\_

(7)  $\frac{\sqrt{5} - 1}{\sqrt{3}}$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(9)  $\frac{\sqrt{2} - 2}{\sqrt{6}}$

答. \_\_\_\_\_

(10)  $\frac{\sqrt{2} - \sqrt{5}}{\sqrt{5}}$

答. \_\_\_\_\_

## 平方根＜分母の有利化 2＞ No.3

1. 次の数の分母を有理化せよ。

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

(2)  $\frac{\sqrt{3} - \sqrt{7}}{\sqrt{7}}$  答. \_\_\_\_\_

(3)  $\frac{2\sqrt{2} + \sqrt{5}}{\sqrt{3}}$  答. \_\_\_\_\_

(4)  $\frac{\sqrt{7} - \sqrt{2}}{\sqrt{2}}$  答. \_\_\_\_\_

(5)  $\frac{\sqrt{7} + \sqrt{3}}{\sqrt{7}}$  答. \_\_\_\_\_

答. \_\_\_\_\_

(6)  $\frac{\sqrt{5} + \sqrt{3}}{\sqrt{3}}$  \_\_\_\_\_

(7)  $\frac{\sqrt{2} + \sqrt{3}}{\sqrt{7}}$  答. \_\_\_\_\_

(8)  $\frac{\sqrt{2} + \sqrt{5}}{\sqrt{6}}$  答. \_\_\_\_\_

(9)  $\frac{\sqrt{6} - \sqrt{2}}{\sqrt{3}}$  答. \_\_\_\_\_

(10)  $\frac{\sqrt{3} - 2\sqrt{2}}{2\sqrt{2}}$  答. \_\_\_\_\_

答. \_\_\_\_\_

## 平方根＜分母の有利化 2＞ No.4

1. 次の数の分母を有理化せよ。

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

(2)  $\frac{\sqrt{2}+\sqrt{5}}{\sqrt{7}}$  答. \_\_\_\_\_

(3)  $\frac{\sqrt{2}+\sqrt{7}}{\sqrt{6}}$  答. \_\_\_\_\_

(4)  $\frac{\sqrt{3}+1}{\sqrt{7}}$  答. \_\_\_\_\_

(5)  $\frac{\sqrt{5}-\sqrt{3}}{\sqrt{5}}$  答. \_\_\_\_\_

答. \_\_\_\_\_

(6)  $\frac{\sqrt{7}+\sqrt{5}}{\sqrt{5}}$  \_\_\_\_\_

(7)  $\frac{\sqrt{5}+2\sqrt{2}}{\sqrt{6}}$  答. \_\_\_\_\_

(8)  $\frac{\sqrt{6}+\sqrt{2}}{\sqrt{2}}$  答. \_\_\_\_\_

(9)  $\frac{\sqrt{6}-\sqrt{7}}{\sqrt{5}}$  答. \_\_\_\_\_

(10)  $\frac{3-\sqrt{6}}{\sqrt{5}}$  答. \_\_\_\_\_

答. \_\_\_\_\_

## 平方根＜分母の有利化 2＞ No.5

1. 次の数の分母を有理化せよ。

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

(2)  $\frac{\sqrt{5} + \sqrt{2}}{\sqrt{6}}$  答. \_\_\_\_\_

(3)  $\frac{\sqrt{7} - \sqrt{5}}{\sqrt{6}}$  答. \_\_\_\_\_

(4)  $\frac{\sqrt{2} + \sqrt{3}}{\sqrt{5}}$  答. \_\_\_\_\_

(5)  $\frac{\sqrt{6} + \sqrt{5}}{2\sqrt{2}}$  答. \_\_\_\_\_

答. \_\_\_\_\_

(6)  $\frac{\sqrt{5} + 2\sqrt{2}}{\sqrt{7}}$  \_\_\_\_\_

(7)  $\frac{\sqrt{5} + \sqrt{6}}{\sqrt{2}}$  答. \_\_\_\_\_

(8)  $\frac{\sqrt{3} + \sqrt{7}}{\sqrt{6}}$  答. \_\_\_\_\_

(9)  $\frac{\sqrt{2} + 2}{\sqrt{2}}$  答. \_\_\_\_\_

(10)  $\frac{\sqrt{6} + 2\sqrt{2}}{\sqrt{6}}$  答. \_\_\_\_\_

答. \_\_\_\_\_