

数学(√と展開のコラボ)

④ 公式を思い出そう!

$$(x+y)^2 = \text{①}$$

$$(x-y)^2 = \text{②}$$

$$(x+y)(x-y) = \text{③}$$

$$(x+a)(x+b) = \text{④}$$

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

$$\text{⑥ } (\sqrt{7} + \sqrt{2})(\sqrt{7} - \sqrt{2}) =$$

$$\text{⑦ } (\sqrt{2} + 5)(\sqrt{2} + 4) =$$

$$\text{⑧ } \sqrt{2}(\sqrt{2} - 3) =$$

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

$$\text{⑩ } (\sqrt{6} + 4\sqrt{2})^2 =$$

$$\text{⑪ } (4\sqrt{3} - 1)(-2\sqrt{3} + 3) =$$

$$\text{⑫ } (\sqrt{3} - 4)(\sqrt{3} + 1) - \sqrt{3}(2 - 5\sqrt{3}) =$$