

## 数学(√と展開のコラボ)

④ 公式を思い出そう!

$$(x+y)^2 = \textcircled{1} \underline{\hspace{2cm}}$$

$$(x-y)^2 = \textcircled{2} \underline{\hspace{2cm}}$$

$$(x+y)(x-y) = \textcircled{3} \underline{\hspace{2cm}}$$

$$(x+a)(x+b) = \textcircled{4} \underline{\hspace{2cm}}$$

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

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

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

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

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

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

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

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

