

平方根 たし算・ひき算・有理化（20問） 版Kの答え

※ $\sqrt{\quad}$ の中の数が違うままたし算していないかを見てください（ $\sqrt{2} + \sqrt{3}$ は $\sqrt{5}$ になりません）。

$$\begin{aligned}(1) \quad 4/\sqrt{3} \\ &= 4\sqrt{3}/3\end{aligned}$$

$$\begin{aligned}(2) \quad 6\sqrt{6} + 5\sqrt{6} \\ &= 11\sqrt{6}\end{aligned}$$

$$\begin{aligned}(3) \quad 3\sqrt{3} + 4\sqrt{3} \\ &= 7\sqrt{3}\end{aligned}$$

$$\begin{aligned}(4) \quad 3\sqrt{6} - 7\sqrt{6} \\ &= -4\sqrt{6}\end{aligned}$$

$$\begin{aligned}(5) \quad \sqrt{50} - \sqrt{8} - \sqrt{32} \\ &= -\sqrt{2}\end{aligned}$$

$$\begin{aligned}(6) \quad 4\sqrt{6} - 9\sqrt{6} \\ &= -5\sqrt{6}\end{aligned}$$

$$\begin{aligned}(7) \quad \sqrt{20} - \sqrt{80} + \sqrt{45} \\ &= \sqrt{5}\end{aligned}$$

$$\begin{aligned}(8) \quad \sqrt{125} + \sqrt{80} \\ &= 9\sqrt{5}\end{aligned}$$

$$\begin{aligned}(9) \quad 1/\sqrt{2} \\ &= \sqrt{2}/2\end{aligned}$$

$$\begin{aligned}(10) \quad \sqrt{48} + \sqrt{12} - \sqrt{27} \\ &= 3\sqrt{3}\end{aligned}$$

$$\begin{aligned}(11) \quad \sqrt{50} + \sqrt{18} + \sqrt{8} \\ &= 10\sqrt{2}\end{aligned}$$

$$\begin{aligned}(12) \quad 5\sqrt{2} + 8\sqrt{2} \\ &= 13\sqrt{2}\end{aligned}$$

$$\begin{aligned}(13) \quad 4/\sqrt{6} \\ &= 2\sqrt{6}/3\end{aligned}$$

$$\begin{aligned}(14) \quad \sqrt{3} - \sqrt{27} \\ &= -2\sqrt{3}\end{aligned}$$

$$\begin{aligned}(15) \quad \sqrt{5}/\sqrt{3} \\ &= \sqrt{15}/3\end{aligned}$$

$$\begin{aligned}(16) \quad 5/\sqrt{5} \\ &= \sqrt{5}\end{aligned}$$

$$\begin{aligned}(17) \quad 3/\sqrt{3} \\ &= \sqrt{3}\end{aligned}$$

$$\begin{aligned}(18) \quad 3\sqrt{5} + 4\sqrt{5} \\ &= 7\sqrt{5}\end{aligned}$$

$$\begin{aligned}(19) \quad \sqrt{6}/\sqrt{3} \\ &= \sqrt{2}\end{aligned}$$

$$\begin{aligned}(20) \quad \sqrt{45} - \sqrt{80} \\ &= -\sqrt{5}\end{aligned}$$