

平方根 たし算・ひき算・有理化（20問） 版H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）。

$$\begin{aligned}(1) \sqrt{27} + \sqrt{12} \\ = 5\sqrt{3}\end{aligned}$$

$$\begin{aligned}(2) \sqrt{18} - \sqrt{32} - \sqrt{50} \\ = -6\sqrt{2}\end{aligned}$$

$$\begin{aligned}(3) \sqrt{125} - \sqrt{80} - \sqrt{20} \\ = -\sqrt{5}\end{aligned}$$

$$\begin{aligned}(4) 9\sqrt{6} - 7\sqrt{6} \\ = 2\sqrt{6}\end{aligned}$$

$$\begin{aligned}(5) 7\sqrt{2} + \sqrt{2} \\ = 8\sqrt{2}\end{aligned}$$

$$\begin{aligned}(6) 5/\sqrt{5} \\ = \sqrt{5}\end{aligned}$$

$$\begin{aligned}(7) \sqrt{20} + \sqrt{5} \\ = 3\sqrt{5}\end{aligned}$$

$$\begin{aligned}(8) \sqrt{27} + \sqrt{12} - \sqrt{3} \\ = 4\sqrt{3}\end{aligned}$$

$$\begin{aligned}(9) \sqrt{6}/\sqrt{2} \\ = \sqrt{3}\end{aligned}$$

$$\begin{aligned}(10) \sqrt{5}/\sqrt{3} \\ = \sqrt{15}/3\end{aligned}$$

$$\begin{aligned}(11) 9\sqrt{7} + \sqrt{7} \\ = 10\sqrt{7}\end{aligned}$$

$$\begin{aligned}(12) 2\sqrt{3} + 7\sqrt{3} \\ = 9\sqrt{3}\end{aligned}$$

$$\begin{aligned}(13) \sqrt{7}/\sqrt{5} \\ = \sqrt{35}/5\end{aligned}$$

$$\begin{aligned}(14) \sqrt{2}/\sqrt{5} \\ = \sqrt{10}/5\end{aligned}$$

$$\begin{aligned}(15) \sqrt{6}/\sqrt{7} \\ = \sqrt{42}/7\end{aligned}$$

$$\begin{aligned}(16) 2/\sqrt{5} \\ = 2\sqrt{5}/5\end{aligned}$$

$$\begin{aligned}(17) \sqrt{8} - \sqrt{18} \\ = -\sqrt{2}\end{aligned}$$

$$\begin{aligned}(18) 7\sqrt{7} + 9\sqrt{7} \\ = 16\sqrt{7}\end{aligned}$$

$$\begin{aligned}(19) 4\sqrt{7} + 5\sqrt{7} \\ = 9\sqrt{7}\end{aligned}$$

$$\begin{aligned}(20) \sqrt{5} + \sqrt{45} + \sqrt{80} \\ = 8\sqrt{5}\end{aligned}$$