

平方根 たし算・ひき算・有理化（20問） 版E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）。

$$\begin{aligned}(1) \sqrt{8} + \sqrt{32} \\ = 6\sqrt{2}\end{aligned}$$

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

$$\begin{aligned}(3) \sqrt{50} - \sqrt{2} + \sqrt{8} \\ = 6\sqrt{2}\end{aligned}$$

$$\begin{aligned}(4) 9\sqrt{3} - 3\sqrt{3} \\ = 6\sqrt{3}\end{aligned}$$

$$\begin{aligned}(5) 6\sqrt{5} - 2\sqrt{5} \\ = 4\sqrt{5}\end{aligned}$$

$$\begin{aligned}(6) 5\sqrt{7} + 4\sqrt{7} \\ = 9\sqrt{7}\end{aligned}$$

$$\begin{aligned}(7) \sqrt{45} - \sqrt{5} \\ = 2\sqrt{5}\end{aligned}$$

$$\begin{aligned}(8) 3\sqrt{2} - 6\sqrt{2} \\ = -3\sqrt{2}\end{aligned}$$

$$\begin{aligned}(9) \sqrt{3} + \sqrt{12} + \sqrt{48} \\ = 7\sqrt{3}\end{aligned}$$

$$\begin{aligned}(10) \sqrt{50} - \sqrt{18} \\ = 2\sqrt{2}\end{aligned}$$

$$\begin{aligned}(11) 2/\sqrt{5} \\ = 2\sqrt{5}/5\end{aligned}$$

$$\begin{aligned}(12) \sqrt{6}/\sqrt{2} \\ = \sqrt{3}\end{aligned}$$

$$\begin{aligned}(13) \sqrt{6}/\sqrt{5} \\ = \sqrt{30}/5\end{aligned}$$

$$\begin{aligned}(14) 5\sqrt{2} - 3\sqrt{2} \\ = 2\sqrt{2}\end{aligned}$$

$$\begin{aligned}(15) \sqrt{75} + \sqrt{3} \\ = 6\sqrt{3}\end{aligned}$$

$$\begin{aligned}(16) 1/\sqrt{5} \\ = \sqrt{5}/5\end{aligned}$$

$$\begin{aligned}(17) 21/\sqrt{7} \\ = 3\sqrt{7}\end{aligned}$$

$$\begin{aligned}(18) 5/\sqrt{2} \\ = 5\sqrt{2}/2\end{aligned}$$

$$\begin{aligned}(19) 4\sqrt{2} - 9\sqrt{2} \\ = -5\sqrt{2}\end{aligned}$$

$$\begin{aligned}(20) \sqrt{27} + \sqrt{12} + \sqrt{75} \\ = 10\sqrt{3}\end{aligned}$$