

平方根 たし算・ひき算・有理化（20問） 版A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）。

$$\begin{aligned}(1) \sqrt{18} - \sqrt{8} \\ = \sqrt{2}\end{aligned}$$

$$\begin{aligned}(2) 3\sqrt{3} - 8\sqrt{3} \\ = -5\sqrt{3}\end{aligned}$$

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

$$\begin{aligned}(4) \sqrt{5}/\sqrt{6} \\ = \sqrt{30}/6\end{aligned}$$

$$\begin{aligned}(5) \sqrt{6}/\sqrt{2} \\ = \sqrt{3}\end{aligned}$$

$$\begin{aligned}(6) 4\sqrt{5} + 8\sqrt{5} \\ = 12\sqrt{5}\end{aligned}$$

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

$$\begin{aligned}(8) 5\sqrt{6} - 9\sqrt{6} \\ = -4\sqrt{6}\end{aligned}$$

$$\begin{aligned}(9) 4\sqrt{3} - 2\sqrt{3} \\ = 2\sqrt{3}\end{aligned}$$

$$\begin{aligned}(10) \sqrt{2} - \sqrt{32} \\ = -3\sqrt{2}\end{aligned}$$

$$\begin{aligned}(11) 6/\sqrt{3} \\ = 2\sqrt{3}\end{aligned}$$

$$\begin{aligned}(12) 4/\sqrt{2} \\ = 2\sqrt{2}\end{aligned}$$

$$\begin{aligned}(13) \sqrt{45} + \sqrt{80} \\ = 7\sqrt{5}\end{aligned}$$

$$\begin{aligned}(14) \sqrt{12} - \sqrt{75} \\ = -3\sqrt{3}\end{aligned}$$

$$\begin{aligned}(15) \sqrt{7} - 8\sqrt{7} \\ = -7\sqrt{7}\end{aligned}$$

$$\begin{aligned}(16) \sqrt{7}/\sqrt{5} \\ = \sqrt{35}/5\end{aligned}$$

$$\begin{aligned}(17) \sqrt{18} + \sqrt{32} - \sqrt{8} \\ = 5\sqrt{2}\end{aligned}$$

$$\begin{aligned}(18) 8\sqrt{3} + 5\sqrt{3} \\ = 13\sqrt{3}\end{aligned}$$

$$\begin{aligned}(19) \sqrt{80} - \sqrt{5} + \sqrt{45} \\ = 6\sqrt{5}\end{aligned}$$

$$\begin{aligned}(20) \sqrt{3}/\sqrt{5} \\ = \sqrt{15}/5\end{aligned}$$