

平方根 たし算・ひき算・有理化（20問） 版J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）。

$$\begin{aligned}(1) \quad & \sqrt{2}/\sqrt{7} \\ &= \sqrt{14}/7\end{aligned}$$

$$\begin{aligned}(2) \quad & \sqrt{20} - \sqrt{45} \\ &= -\sqrt{5}\end{aligned}$$

$$\begin{aligned}(3) \quad & \sqrt{7}/\sqrt{6} \\ &= \sqrt{42}/6\end{aligned}$$

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

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

$$\begin{aligned}(6) \quad & 7\sqrt{3} + 5\sqrt{3} \\ &= 12\sqrt{3}\end{aligned}$$

$$\begin{aligned}(7) \quad & 5\sqrt{6} - 4\sqrt{6} \\ &= \sqrt{6}\end{aligned}$$

$$\begin{aligned}(8) \quad & 5\sqrt{2} - \sqrt{2} \\ &= 4\sqrt{2}\end{aligned}$$

$$\begin{aligned}(9) \quad & 12/\sqrt{6} \\ &= 2\sqrt{6}\end{aligned}$$

$$\begin{aligned}(10) \quad & \sqrt{45} + \sqrt{5} \\ &= 4\sqrt{5}\end{aligned}$$

$$\begin{aligned}(11) \quad & \sqrt{125} - \sqrt{80} - \sqrt{45} \\ &= -2\sqrt{5}\end{aligned}$$

$$\begin{aligned}(12) \quad & 8\sqrt{2} - 5\sqrt{2} \\ &= 3\sqrt{2}\end{aligned}$$

$$\begin{aligned}(13) \quad & \sqrt{125} - \sqrt{45} \\ &= 2\sqrt{5}\end{aligned}$$

$$\begin{aligned}(14) \quad & \sqrt{80} + \sqrt{20} \\ &= 6\sqrt{5}\end{aligned}$$

$$\begin{aligned}(15) \quad & 9\sqrt{6} - 4\sqrt{6} \\ &= 5\sqrt{6}\end{aligned}$$

$$\begin{aligned}(16) \quad & 6/\sqrt{7} \\ &= 6\sqrt{7}/7\end{aligned}$$

$$\begin{aligned}(17) \quad & \sqrt{75} + \sqrt{3} \\ &= 6\sqrt{3}\end{aligned}$$

$$\begin{aligned}(18) \quad & 1/\sqrt{2} \\ &= \sqrt{2}/2\end{aligned}$$

$$\begin{aligned}(19) \quad & 18/\sqrt{6} \\ &= 3\sqrt{6}\end{aligned}$$

$$\begin{aligned}(20) \quad & \sqrt{125} - \sqrt{45} + \sqrt{5} \\ &= 3\sqrt{5}\end{aligned}$$