

平方根 たし算・ひき算・有理化（20問） 版C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）。

$$\begin{aligned}(1) \quad 6/\sqrt{2} \\ &= 3\sqrt{2}\end{aligned}$$

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

$$\begin{aligned}(3) \quad \sqrt{75} + \sqrt{12} - \sqrt{48} \\ &= 3\sqrt{3}\end{aligned}$$

$$\begin{aligned}(4) \quad \sqrt{75} - \sqrt{12} \\ &= 3\sqrt{3}\end{aligned}$$

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

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

$$\begin{aligned}(7) \quad \sqrt{125} - \sqrt{80} + \sqrt{5} \\ &= 2\sqrt{5}\end{aligned}$$

$$\begin{aligned}(8) \quad \sqrt{2}/\sqrt{3} \\ &= \sqrt{6}/3\end{aligned}$$

$$\begin{aligned}(9) \quad 3\sqrt{5} + 9\sqrt{5} \\ &= 12\sqrt{5}\end{aligned}$$

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

$$\begin{aligned}(11) \quad 3/\sqrt{3} \\ &= \sqrt{3}\end{aligned}$$

$$\begin{aligned}(12) \quad \sqrt{27} + \sqrt{48} \\ &= 7\sqrt{3}\end{aligned}$$

$$\begin{aligned}(13) \quad 5\sqrt{3} + \sqrt{3} \\ &= 6\sqrt{3}\end{aligned}$$

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

$$\begin{aligned}(15) \quad \sqrt{6}/\sqrt{2} \\ &= \sqrt{3}\end{aligned}$$

$$\begin{aligned}(16) \quad 8\sqrt{6} - \sqrt{6} \\ &= 7\sqrt{6}\end{aligned}$$

$$\begin{aligned}(17) \quad \sqrt{45} - \sqrt{5} + \sqrt{125} \\ &= 7\sqrt{5}\end{aligned}$$

$$\begin{aligned}(18) \quad \sqrt{7} - 8\sqrt{7} \\ &= -7\sqrt{7}\end{aligned}$$

$$\begin{aligned}(19) \quad \sqrt{50} + \sqrt{8} \\ &= 7\sqrt{2}\end{aligned}$$

$$\begin{aligned}(20) \quad 12/\sqrt{6} \\ &= 2\sqrt{6}\end{aligned}$$