

平方根 たし算・ひき算・有理化（20問） 版I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）。

$$\begin{aligned}(1) \sqrt{3}/\sqrt{7} \\ = \sqrt{21/7}\end{aligned}$$

$$\begin{aligned}(2) \sqrt{50} + \sqrt{32} \\ = 9\sqrt{2}\end{aligned}$$

$$\begin{aligned}(3) \sqrt{7}/\sqrt{5} \\ = \sqrt{35/5}\end{aligned}$$

$$\begin{aligned}(4) 2\sqrt{3} + 4\sqrt{3} \\ = 6\sqrt{3}\end{aligned}$$

$$\begin{aligned}(5) \sqrt{27} - \sqrt{75} + \sqrt{48} \\ = 2\sqrt{3}\end{aligned}$$

$$\begin{aligned}(6) 5\sqrt{7} - 3\sqrt{7} \\ = 2\sqrt{7}\end{aligned}$$

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

$$\begin{aligned}(8) \sqrt{48} - \sqrt{27} - \sqrt{75} \\ = -4\sqrt{3}\end{aligned}$$

$$\begin{aligned}(9) 21/\sqrt{7} \\ = 3\sqrt{7}\end{aligned}$$

$$\begin{aligned}(10) 3\sqrt{7} - 4\sqrt{7} \\ = -\sqrt{7}\end{aligned}$$

$$\begin{aligned}(11) \sqrt{80} + \sqrt{125} \\ = 9\sqrt{5}\end{aligned}$$

$$\begin{aligned}(12) 9\sqrt{6} - 7\sqrt{6} \\ = 2\sqrt{6}\end{aligned}$$

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

$$\begin{aligned}(14) \sqrt{27} + \sqrt{48} \\ = 7\sqrt{3}\end{aligned}$$

$$\begin{aligned}(15) 7\sqrt{3} - 3\sqrt{3} \\ = 4\sqrt{3}\end{aligned}$$

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

$$\begin{aligned}(17) \sqrt{6}/\sqrt{5} \\ = \sqrt{30/5}\end{aligned}$$

$$\begin{aligned}(18) 2\sqrt{5} + 4\sqrt{5} \\ = 6\sqrt{5}\end{aligned}$$

$$\begin{aligned}(19) 4/\sqrt{5} \\ = 4\sqrt{5/5}\end{aligned}$$

$$\begin{aligned}(20) \sqrt{8} - \sqrt{32} - \sqrt{2} \\ = -3\sqrt{2}\end{aligned}$$