

平方根 簡単にする・かけ算・わり算（20問） 版Kの答え

※ 答えの $\sqrt{\quad}$ の中に、 $4 \cdot 9 \cdot 25$ などの平方数が残っていないかを見てください。

$$\begin{aligned}(1) \quad & \sqrt{42} \div \sqrt{7} \\ &= \sqrt{6}\end{aligned}$$

$$\begin{aligned}(2) \quad & 3\sqrt{5} \times \sqrt{10} \\ &= 15\sqrt{2}\end{aligned}$$

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

$$\begin{aligned}(4) \quad & \sqrt{10} \div \sqrt{5} \\ &= \sqrt{2}\end{aligned}$$

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

$$\begin{aligned}(6) \quad & \sqrt{2} \times \sqrt{10} \\ &= 2\sqrt{5}\end{aligned}$$

$$\begin{aligned}(7) \quad & \sqrt{24} \div \sqrt{3} \\ &= 2\sqrt{2}\end{aligned}$$

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

$$\begin{aligned}(9) \quad & \sqrt{24} \\ &= 2\sqrt{6}\end{aligned}$$

$$\begin{aligned}(10) \quad & \sqrt{36} \div \sqrt{3} \\ &= 2\sqrt{3}\end{aligned}$$

$$\begin{aligned}(11) \quad & \sqrt{18} \div \sqrt{6} \\ &= \sqrt{3}\end{aligned}$$

$$\begin{aligned}(12) \quad & \sqrt{108} \\ &= 6\sqrt{3}\end{aligned}$$

$$\begin{aligned}(13) \quad & \sqrt{18} \\ &= 3\sqrt{2}\end{aligned}$$

$$\begin{aligned}(14) \quad & 2\sqrt{7} \times \sqrt{3} \\ &= 2\sqrt{21}\end{aligned}$$

$$\begin{aligned}(15) \quad & \sqrt{125} \\ &= 5\sqrt{5}\end{aligned}$$

$$\begin{aligned}(16) \quad & \sqrt{112} \\ &= 4\sqrt{7}\end{aligned}$$

$$\begin{aligned}(17) \quad & \sqrt{2} \times \sqrt{3} \\ &= \sqrt{6}\end{aligned}$$

$$\begin{aligned}(18) \quad & 3\sqrt{10} \times \sqrt{7} \\ &= 3\sqrt{70}\end{aligned}$$

$$\begin{aligned}(19) \quad & \sqrt{50} \\ &= 5\sqrt{2}\end{aligned}$$

$$\begin{aligned}(20) \quad & \sqrt{10} \times \sqrt{6} \\ &= 2\sqrt{15}\end{aligned}$$