

■ 次の計算をなさい。

① $\sqrt{15} \times \sqrt{6}$

② $\sqrt{32} \times \sqrt{20}$

③ $2\sqrt{6} \times \sqrt{20}$

④ $\sqrt{22} \times \sqrt{18}$

⑤ $\sqrt{22} \times \sqrt{33}$

⑥ $\sqrt{22} \times \sqrt{2}$

⑦ $\sqrt{38} \times \sqrt{2}$

⑧ $\sqrt{34} \times \sqrt{2}$

⑨ $\sqrt{33} \times \sqrt{24}$

⑩ $\sqrt{20} \times \sqrt{35}$

⑪ $\sqrt{3} \times \sqrt{33}$

⑫ $\sqrt{24} \times \sqrt{27}$

⑬ $\sqrt{6} \times \sqrt{12}$

⑭ $\sqrt{8} \times \sqrt{38}$

⑮ $\sqrt{12} \times \sqrt{39}$

⑯ $\sqrt{8} \times \sqrt{14}$

■ 次の計算をなさい。

$$\textcircled{1} \sqrt{15} \times \sqrt{6}$$

$$= \sqrt{3 \times 5 \times 2 \times 3}$$

$$= 3\sqrt{10}$$

$$\textcircled{2} \sqrt{32} \times \sqrt{20}$$

$$= \sqrt{2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 5}$$

$$= 8\sqrt{10}$$

$$\textcircled{3} 2\sqrt{6} \times \sqrt{20}$$

$$= 2\sqrt{2 \times 3 \times 2 \times 2 \times 5}$$

$$= 4\sqrt{30}$$

$$\textcircled{4} \sqrt{22} \times \sqrt{18}$$

$$= \sqrt{2 \times 11 \times 2 \times 3 \times 3}$$

$$= 6\sqrt{11}$$

$$\textcircled{5} \sqrt{22} \times \sqrt{33}$$

$$= \sqrt{2 \times 11 \times 3 \times 11}$$

$$= 11\sqrt{6}$$

$$\textcircled{6} \sqrt{22} \times \sqrt{2}$$

$$= \sqrt{2 \times 11 \times 2}$$

$$= 2\sqrt{11}$$

$$\textcircled{7} \sqrt{38} \times \sqrt{2}$$

$$= \sqrt{2 \times 19 \times 2}$$

$$= 2\sqrt{19}$$

$$\textcircled{8} \sqrt{34} \times \sqrt{2}$$

$$= \sqrt{2 \times 17 \times 2}$$

$$= 2\sqrt{17}$$

$$\textcircled{9} \sqrt{33} \times \sqrt{24}$$

$$= \sqrt{3 \times 11 \times 2 \times 2 \times 2 \times 3}$$

$$= 6\sqrt{22}$$

$$\textcircled{10} \sqrt{20} \times \sqrt{35}$$

$$= \sqrt{2 \times 2 \times 5 \times 5 \times 7}$$

$$= 10\sqrt{7}$$

$$\textcircled{11} \sqrt{3} \times \sqrt{33}$$

$$= \sqrt{3 \times 3 \times 11}$$

$$= 3\sqrt{11}$$

$$\textcircled{12} \sqrt{24} \times \sqrt{27}$$

$$= \sqrt{2 \times 2 \times 2 \times 3 \times 3 \times 3 \times 3}$$

$$= 18\sqrt{2}$$

$$\textcircled{13} \sqrt{6} \times \sqrt{12}$$

$$= \sqrt{2 \times 3 \times 2 \times 2 \times 3}$$

$$= 6\sqrt{2}$$

$$\textcircled{14} \sqrt{8} \times \sqrt{38}$$

$$= \sqrt{2 \times 2 \times 2 \times 2 \times 19}$$

$$= 4\sqrt{19}$$

$$\textcircled{15} \sqrt{12} \times \sqrt{39}$$

$$= \sqrt{2 \times 2 \times 3 \times 3 \times 13}$$

$$= 6\sqrt{13}$$

$$\textcircled{16} \sqrt{8} \times \sqrt{14}$$

$$= \sqrt{2 \times 2 \times 2 \times 2 \times 7}$$

$$= 4\sqrt{7}$$