

■ 次の計算をなさい。

①  $\sqrt{28} \times \sqrt{6}$

②  $\sqrt{10} \times \sqrt{26}$

③  $\sqrt{15} \times \sqrt{5}$

④  $\sqrt{5} \times \sqrt{35}$

⑤  $\sqrt{20} \times \sqrt{8}$

⑥  $2\sqrt{10} \times \sqrt{32}$

⑦  $\sqrt{30} \times \sqrt{6}$

⑧  $\sqrt{8} \times \sqrt{30}$

⑨  $\sqrt{40} \times \sqrt{8}$

⑩  $\sqrt{18} \times \sqrt{22}$

⑪  $2\sqrt{5} \times \sqrt{28}$

⑫  $\sqrt{26} \times \sqrt{32}$

⑬  $2\sqrt{10} \times \sqrt{5}$

⑭  $\sqrt{24} \times \sqrt{38}$

⑮  $\sqrt{6} \times \sqrt{18}$

⑯  $\sqrt{6} \times \sqrt{20}$

■ 次の計算をなさい。

$$\textcircled{1} \sqrt{28} \times \sqrt{6}$$

$$= \sqrt{2 \times 2 \times 7 \times 2 \times 3}$$
$$= 2\sqrt{42}$$

$$\textcircled{2} \sqrt{10} \times \sqrt{26}$$

$$= \sqrt{2 \times 5 \times 2 \times 13}$$
$$= 2\sqrt{65}$$

$$\textcircled{3} \sqrt{15} \times \sqrt{5}$$

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

$$\textcircled{4} \sqrt{5} \times \sqrt{35}$$

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

$$\textcircled{5} \sqrt{20} \times \sqrt{8}$$

$$= \sqrt{2 \times 2 \times 5 \times 2 \times 2 \times 2}$$
$$= 4\sqrt{10}$$

$$\textcircled{6} 2\sqrt{10} \times \sqrt{32}$$

$$= 2\sqrt{2 \times 5 \times 2 \times 2 \times 2 \times 2 \times 2}$$
$$= 16\sqrt{5}$$

$$\textcircled{7} \sqrt{30} \times \sqrt{6}$$

$$= \sqrt{2 \times 3 \times 5 \times 2 \times 3}$$
$$= 6\sqrt{5}$$

$$\textcircled{8} \sqrt{8} \times \sqrt{30}$$

$$= \sqrt{2 \times 2 \times 2 \times 2 \times 3 \times 5}$$
$$= 4\sqrt{15}$$

$$\textcircled{9} \sqrt{40} \times \sqrt{8}$$

$$= \sqrt{2 \times 2 \times 2 \times 5 \times 2 \times 2 \times 2}$$
$$= 8\sqrt{5}$$

$$\textcircled{10} \sqrt{18} \times \sqrt{22}$$

$$= \sqrt{2 \times 3 \times 3 \times 2 \times 11}$$
$$= 6\sqrt{11}$$

$$\textcircled{11} 2\sqrt{5} \times \sqrt{28}$$

$$= 2\sqrt{5 \times 2 \times 2 \times 7}$$
$$= 4\sqrt{35}$$

$$\textcircled{12} \sqrt{26} \times \sqrt{32}$$

$$= \sqrt{2 \times 13 \times 2 \times 2 \times 2 \times 2 \times 2}$$
$$= 8\sqrt{13}$$

$$\textcircled{13} 2\sqrt{10} \times \sqrt{5}$$

$$= 2\sqrt{2 \times 5 \times 5}$$
$$= 10\sqrt{2}$$

$$\textcircled{14} \sqrt{24} \times \sqrt{38}$$

$$= \sqrt{2 \times 2 \times 2 \times 3 \times 2 \times 19}$$
$$= 4\sqrt{57}$$

$$\textcircled{15} \sqrt{6} \times \sqrt{18}$$

$$= \sqrt{2 \times 3 \times 2 \times 3 \times 3}$$
$$= 6\sqrt{3}$$

$$\textcircled{16} \sqrt{6} \times \sqrt{20}$$

$$= \sqrt{2 \times 3 \times 2 \times 2 \times 5}$$
$$= 2\sqrt{30}$$