

1 次の式を計算せよ。

(1) $2\sqrt{2} \times 3\sqrt{3}$

(2) $(-2\sqrt{7}) \times 4\sqrt{3}$

(3) $\sqrt{8} \times \sqrt{12}$

(4) $\sqrt{75} \times (-\sqrt{54})$

2 次の式を計算せよ。

(1) $\sqrt{2} \times \sqrt{6}$

(2) $\sqrt{2} \times \sqrt{10}$

(3) $\sqrt{2} \times \sqrt{14}$

(4) $\sqrt{3} \times \sqrt{6}$

(5) $\sqrt{3} \times \sqrt{15}$

(6) $\sqrt{3} \times \sqrt{18}$

(7) $\sqrt{5} \times \sqrt{15}$

(8) $\sqrt{5} \times \sqrt{10}$

(9) $\sqrt{6} \times \sqrt{30}$

(10) $\sqrt{33} \times \sqrt{11}$

(11) $\sqrt{28} \times \sqrt{7}$

(12) $\sqrt{21} \times \sqrt{6}$

(13) $\sqrt{54} \times \sqrt{20}$

(14) $\sqrt{30} \times \sqrt{18}$

(15) $\sqrt{28} \times \sqrt{42}$



【解答】

1

(1) $6\sqrt{6}$

(2) $-8\sqrt{21}$

(3) $4\sqrt{6}$

(4) $-45\sqrt{2}$

2

(1) $2\sqrt{3}$

(2) $2\sqrt{5}$

(3) $2\sqrt{7}$

(4) $3\sqrt{2}$

(5) $3\sqrt{5}$

(6) $3\sqrt{6}$

(7) $5\sqrt{3}$

(8) $5\sqrt{2}$

(9) $6\sqrt{5}$

(10) $11\sqrt{3}$

(11) 14

(12) $3\sqrt{14}$

(13) $6\sqrt{30}$

(14) $6\sqrt{15}$

(15) $14\sqrt{6}$