

25. 因数分解 公式① その1 同符号

1 因数分解しなさい。

$$\begin{array}{l} \textcircled{1} \quad x^2 + 6x + 8 \\ = \end{array} \quad \begin{array}{l} \underline{8} \\ 1 \times 8 \\ 2 \times 4 \end{array}$$

$$\begin{array}{l} \textcircled{2} \quad x^2 + 8x + 15 \\ = \end{array} \quad \begin{array}{l} \underline{15} \\ 1 \times 15 \\ 3 \times 5 \end{array}$$

$$\begin{array}{l} \textcircled{3} \quad x^2 + 9x + 18 \\ = \end{array} \quad \begin{array}{l} \underline{18} \\ 1 \times 18 \\ 2 \times 9 \\ 3 \times 6 \end{array}$$

$$\begin{array}{l} \textcircled{4} \quad x^2 + 10x + 24 \\ = \end{array} \quad \begin{array}{l} \underline{24} \\ 1 \times 24 \\ 2 \times 12 \\ 3 \times 8 \\ 4 \times 6 \end{array}$$

$$\begin{array}{l} \textcircled{5} \quad x^2 + 12x + 20 \\ = \end{array} \quad \begin{array}{l} \underline{20} \\ 1 \times 20 \\ 2 \times 10 \\ 4 \times 5 \end{array}$$

$$\begin{array}{l} \textcircled{6} \quad x^2 + 12x + 32 \\ = \end{array} \quad \begin{array}{l} \underline{32} \\ 1 \times 32 \\ 2 \times 16 \\ 4 \times 8 \end{array}$$

$$\begin{array}{l} \textcircled{7} \quad x^2 + 9x + 14 \\ = \end{array} \quad \begin{array}{l} \underline{14} \\ 1 \times 14 \\ 2 \times 7 \end{array}$$

$$\begin{array}{l} \textcircled{8} \quad x^2 + 8x + 12 \\ = \end{array} \quad \begin{array}{l} \underline{12} \\ 1 \times 12 \\ 2 \times 6 \\ 3 \times 4 \end{array}$$

2 因数分解しなさい。

$$\begin{array}{l} \textcircled{1} \quad x^2 - 7x + 12 \\ = \end{array} \quad \begin{array}{l} \underline{12} \\ 1 \times 12 \\ 2 \times 6 \\ 3 \times 4 \end{array}$$

$$\begin{array}{l} \textcircled{2} \quad x^2 - 4x + 3 \\ = \end{array} \quad \begin{array}{l} \underline{3} \\ 1 \times 3 \end{array}$$

$$\begin{array}{l} \textcircled{3} \quad x^2 - 5x + 6 \\ = \end{array} \quad \begin{array}{l} \underline{6} \\ 1 \times 6 \\ 2 \times 3 \end{array}$$

$$\begin{array}{l} \textcircled{4} \quad x^2 - 9x + 20 \\ = \end{array} \quad \begin{array}{l} \underline{20} \\ 1 \times 20 \\ 2 \times 10 \\ 4 \times 5 \end{array}$$

$$\begin{array}{l} \textcircled{5} \quad x^2 - 9x + 14 \\ = \end{array} \quad \begin{array}{l} \underline{14} \\ 1 \times 14 \\ 2 \times 7 \end{array}$$

$$\begin{array}{l} \textcircled{6} \quad x^2 - 14x + 40 \\ = \end{array} \quad \begin{array}{l} \underline{40} \\ 1 \times 40 \\ 2 \times 20 \\ 4 \times 10 \\ 5 \times 8 \end{array}$$

$$\begin{array}{l} \textcircled{7} \quad x^2 - 10x + 21 \\ = \end{array} \quad \begin{array}{l} \underline{21} \\ 1 \times 21 \\ 3 \times 7 \end{array}$$

$$\begin{array}{l} \textcircled{8} \quad x^2 - 8x + 7 \\ = \end{array} \quad \begin{array}{l} \underline{7} \\ 1 \times 7 \end{array}$$

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1 因数分解しなさい。

① $x^2 + 6x + 8$
=

② $x^2 + 8x + 15$
=

③ $x^2 + 9x + 18$
=

④ $x^2 + 10x + 24$
=

⑤ $x^2 + 12x + 20$
=

⑥ $x^2 + 12x + 32$
=

⑦ $x^2 + 9x + 14$
=

⑧ $x^2 + 8x + 12$
=

2 因数分解しなさい。

① $x^2 - 7x + 12$
=

② $x^2 - 4x + 3$
=

③ $x^2 - 5x + 6$
=

④ $x^2 - 9x + 20$
=

⑤ $x^2 - 9x + 14$
=

⑥ $x^2 - 14x + 40$
=

⑦ $x^2 - 10x + 21$
=

⑧ $x^2 - 8x + 7$
=