

分配法則の練習

氏名 ()

1. 次の計算をなさい。

(1) $4(x + 1)$

(2) $3(2x + 3)$

(3) $2(5x - 7)$

(4) $5(3x - 4)$

(5) $4(2x - 1)$

(6) $-2(x + 3)$

(7) $-2(5x - 7)$

(8) $3(-x + 4)$

(9) $7(x + 1)$

(10) $8(2x - 3)$

(11) $6(5x - 7)$

(12) $5(-x - 1)$

(13) $-(x - 7)$

(14) $-(-2x - 4)$

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1. 次の計算をなさい。

$$\begin{aligned}(1) \quad & 4(x+1) \\ & = 4 \times x + 4 \times 1 \\ & = 4x + 4\end{aligned}$$

$$\begin{aligned}(2) \quad & 3(2x+3) \\ & = 3 \times 2x + 3 \times 3 \\ & = 6x + 9\end{aligned}$$

$$\begin{aligned}(3) \quad & 2(5x-7) \\ & = 2 \times 5x - 2 \times 7 \\ & = 10x - 14\end{aligned}$$

$$\begin{aligned}(4) \quad & 5(3x-4) \\ & = 5 \times 3x - 5 \times 4 \\ & = 15x - 20\end{aligned}$$

$$\begin{aligned}(5) \quad & 4(2x-1) \\ & = 4 \times 2x - 4 \times 1 \\ & = 8x - 4\end{aligned}$$

$$\begin{aligned}(6) \quad & -2(x+3) \\ & = -2 \times x + (-2) \times 3 \\ & = -2x - 6\end{aligned}$$

$$\begin{aligned}(7) \quad & -2(5x-7) \\ & = -2 \times 5x - (-2) \times 7 \\ & = -10x + 14\end{aligned}$$

$$\begin{aligned}(8) \quad & 3(-x+4) \\ & = 3 \times (-x) + 3 \times 4 \\ & = -3x + 12\end{aligned}$$

$$\begin{aligned}(9) \quad & 7(x+1) \\ & = 7 \times x + 7 \times 1 \\ & = 7x + 7\end{aligned}$$

$$\begin{aligned}(10) \quad & 8(2x-3) \\ & = 8 \times 2x - 8 \times 3 \\ & = 16x - 24\end{aligned}$$

$$\begin{aligned}(11) \quad & 6(5x-7) \\ & = 6 \times 5x - 6 \times 7 \\ & = 30x - 42\end{aligned}$$

$$\begin{aligned}(12) \quad & 5(-x-1) \\ & = 5 \times (-x) - 5 \times 1 \\ & = -5x - 5\end{aligned}$$

$$\begin{aligned}(13) \quad & -(x-7) \\ & = -x + 7\end{aligned}$$

$$\begin{aligned}(14) \quad & -(-2x-4) \\ & = 2x + 4\end{aligned}$$