

年 組 番 名前

/ 13

1 次の問いに答えなさい。

$$\left. \begin{array}{l} c(a+b) = ac+bc \\ (a+b) \times c = ac+bc \end{array} \right\} \text{のように計算することをなんというか。}$$

分配法則

2 次の式を計算しなさい。

$$\begin{aligned} [1] & \quad 2(x+5y) \\ & = 2x+10y \end{aligned}$$

$$\begin{aligned} [2] & \quad 3(2-3b) \\ & = 6-9b \end{aligned}$$

$$\begin{aligned} [3] & \quad -(7a-8b) \\ & = -7a+8b \end{aligned}$$

-8bの符号も変わります

$$\begin{aligned} [4] & \quad -2(5m+4n) \\ & = -10m-8n \end{aligned}$$

$$\begin{aligned} [5] & \quad (3x+y) \times 5 \\ & = 15x+5y \end{aligned}$$

$$\begin{aligned} [6] & \quad (4a-6b) \times (-1) \\ & = -4a+6b \end{aligned}$$

$$\begin{aligned} [7] & \quad (2x-3y+5) \times 2 \\ & = 4x-6y+10 \end{aligned}$$

3つの項に2をかけます

$$\begin{aligned} [8] & \quad (-2) \times (a-5b-2c) \\ & = -2a+10b+4c \end{aligned}$$

$$\begin{aligned} [9] & \quad (10x+6y) \div 2 \\ & = 5x+3y \end{aligned}$$

$$\begin{aligned} [10] & \quad (-2x+4y) \div (-2) \\ & = x-2y \end{aligned}$$

$$\begin{aligned} [11] & \quad (9x-18y-6z) \div 3 \\ & = 3x-6y-2z \end{aligned}$$

$$\begin{aligned} [12] & \quad (16a+20b-4) \div (-4) \\ & = -4a-5b+1 \end{aligned}$$