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次の計算をしなさい。

(1) $5x \times 6$

(2) $(-2x) \times 8$

(3) $7 \times 3y$

(4) $4a \times (-6)$

(5) $2(6x + 8)$

(6) $-4(7x - 5)$

(7) $6(-3y + 9)$

(8) $-3(-7a + 2)$

(9) $(7x - 4) \times (-5)$

(10) $(5x + 6) \times (-3)$

(11) $(-2y + 9) \times (-7)$

(12) $(-6a - 5) \times (-4)$

1

次の計算をしなさい。

$$\begin{aligned} \textcircled{1} \quad & 5x \times 6 \\ & = 5 \times 6 \times x \\ & = 30x \end{aligned}$$

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

$$\begin{aligned} \textcircled{3} \quad & 7 \times 3y \\ & = 7 \times 3 \times y \\ & = 21y \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 4a \times (-6) \\ & = 4 \times (-6) \times a \\ & = -24a \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 2(6x + 8) \\ & = 2 \times 6x + 2 \times 8 \\ & = 12x + 16 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -4(7x - 5) \\ & = (-4) \times 7x + (-4) \times (-5) \\ & = -28x + 20 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 6(-3y + 9) \\ & = 6 \times (-3y) + 6 \times 9 \\ & = -18y + 54 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & -3(-7a + 2) \\ & = (-3) \times (-7a) + (-3) \times 2 \\ & = 21a - 6 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & (7x - 4) \times (-5) \\ & = 7x \times (-5) + (-4) \times (-5) \\ & = -35x + 20 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & (5x + 6) \times (-3) \\ & = 5x \times (-3) + 6 \times (-3) \\ & = -15x - 18 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & (-2y + 9) \times (-7) \\ & = (-2y) \times (-7) + 9 \times (-7) \\ & = 14y - 63 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & (-6a - 5) \times (-4) \\ & = (-6a) \times (-4) + (-5) \times (-4) \\ & = 24a + 20 \end{aligned}$$