

解答 (P20 5 6)

<基本の問題>

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$$\begin{aligned} (1) \quad & (-4a) \times 5b \\ & = -4 \times a \times 5 \times b \\ & = -20ab \end{aligned}$$

$$\begin{aligned} (2) \quad & 3pq^2 \times 2p \\ & = 3 \times p \times q \times q \times 2 \times p \\ & = 6p^2q^2 \end{aligned}$$

$$\begin{aligned} (3) \quad & (-3a)^2 \\ & = (-3a) \times (-3a) \\ & = 9a^2 \end{aligned}$$

$$\begin{aligned} (4) \quad & 5ab \div \frac{5}{6}a \quad \cdot \cdot \cdot \quad \frac{5}{6}a = \frac{5a}{6} \\ & = 5ab \times \frac{6}{5a} \\ & = \frac{5ab \times 6}{5a} \\ & = 6b \end{aligned}$$

$$\begin{aligned} (5) \quad & 3x^2y \div 6xy \\ & = \frac{3x^2y}{6xy} \\ & = \frac{x}{2} \quad \left(\frac{1}{2}x \text{ でも可} \right) \end{aligned}$$

$$\begin{aligned} (6) \quad & ab^2 \div b \times 4a \quad \cdot \cdot \cdot \quad ab^2 \div b \times 4a \text{ ㄟ} \\ & = \frac{ab^2}{b} \times 4a \quad \frac{ab^2}{b \times 4a} \text{ ㄴㄴㄴ } \frac{1}{4} \text{ ㄴㄴㄴ} \\ & = ab \times 4a \\ & = 4a^2b \end{aligned}$$

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$$\begin{aligned} (1) \quad & 2(4a - 3b) - 2(a + 2b) \\ & = 8a - 6b - 2a - 4b \\ & = 6a - 10b \\ & = 6 \times 2 - 10 \times (-2) \\ & = 12 + 20 \\ & = 32 \end{aligned}$$

$$\begin{aligned} (2) \quad & 9ab^2 \div 3b \\ & = \frac{9ab^2}{3b} \\ & = 3ab \\ & = 3 \times 2 \times (-2) \\ & = -12 \end{aligned}$$