

氏名 ( ) 点数 \_\_\_\_\_

$$(1) \begin{aligned} 3x \times 4y \\ = \underline{12xy} \end{aligned}$$

$$(2) \begin{aligned} 2a \times (-3b) \\ = \underline{-6ab} \end{aligned}$$

$$(3) \begin{aligned} a^2b \times 3ab^2 \\ = \underline{3a^3b^3} \end{aligned}$$

$$(4) \begin{aligned} \frac{2}{3}x^2y \times \left(-\frac{6}{5}xy\right) \\ = -\frac{2x^2y \times 6xy}{3 \times 5} \\ = \underline{-\frac{4}{5}x^3y^2} \end{aligned}$$

$$(5) \begin{aligned} 4a^2 \times 3a^6 \\ = 12a^{2+6} \\ = \underline{12a^8} \end{aligned}$$

$$(6) \begin{aligned} -2x^3 \times (-5x^5) \\ = 10x^{3+5} \\ = \underline{10x^8} \end{aligned}$$

$$(7) \begin{aligned} (-3x^2y)^2 \\ = (-3)^2 x^{2 \times 2} y^{1 \times 2} \\ = \underline{9x^4y^2} \end{aligned}$$

$$(8) \begin{aligned} (-2x^3y^2)^3 \\ = (-2)^3 x^{3 \times 3} y^{2 \times 3} \\ = \underline{-8x^9y^6} \end{aligned}$$

$$(9) \begin{aligned} (-2x)^2 \times 3y \times 5z \\ = 4x^2 \times 3y \times 5z \\ = \underline{60x^2yz} \end{aligned}$$

$$(10) \begin{aligned} 3a^2 \times \left(-\frac{2}{3}ab\right) \times 4ab \\ = -\frac{3a^2 \times 2ab \times 4ab}{3} \\ = \underline{-8a^4b^2} \end{aligned}$$