

氏名 ( ) 点数 \_\_\_\_\_

$$(1) -4x \times 2y \\ = \underline{-8xy}$$

$$(2) (-2a) \times (-4b) \\ = \underline{8ab}$$

$$(3) ab \times (-2ab^2) \\ = \underline{-2a^2b^3}$$

$$(4) \frac{2}{3}x^2y \times \left(-\frac{9}{4}xy^3\right) \\ = -\frac{2x^2y \times 9xy^3}{3 \times 4} \\ = \underline{-\frac{3}{2}x^3y^4}$$

$$(5) 3a^3 \times 2a^3 \\ = 6a^{3+3} \\ = \underline{6a^6}$$

$$(6) 3x^2 \times (-2x^5) \\ = -6x^{2+5} \\ = \underline{-6x^7}$$

$$(7) \left(-\frac{3}{2}x^2y\right)^2 \\ = \left(-\frac{3}{2}\right)^2 x^{2 \times 2} y^{1 \times 2} \\ = \underline{\frac{9}{4}x^4y^2}$$

$$(8) \left(-\frac{3}{2}x^3y^2\right)^3 \\ = \left(-\frac{3}{2}\right)^3 x^{3 \times 3} y^{2 \times 3} \\ = \underline{-\frac{27}{8}x^9y^6}$$

$$(9) \left(-\frac{1}{5}x\right)^2 \times 3y \times 5z \\ = \frac{1}{25}x^2 \times 3y \times 5z \\ = \underline{\frac{3}{5}x^2yz}$$

$$(10) \frac{3}{2}a^2 \times \left(-\frac{5}{6}ab\right) \times 4ab^2 \\ = -\frac{3a^2 \times 5ab \times 4ab^2}{2 \times 6} \\ = \underline{-5a^4b^3}$$