

P 2 4 練習問題

1.

$$(1) 8a \times 3a = 24a^2 \quad (2) 5x \times (-2x) = -10x^2 \quad (3) -3m \times 6n = -18mn$$

$$(4) (-4x)^2 = (-4x) \times (-4x) = 16x^2 \quad (5) \frac{2}{3}xy \times \frac{1}{4}x = \frac{1}{6}x^2y$$

$$(6) \frac{2}{5}x \times (-10y^2) = -4xy^2 \quad (7) 12m \div 2m = \frac{12m}{2m} = 6$$

$$(8) -14ab \div 2b = \frac{-14ab}{2b} = -7a \quad (9) \frac{5}{6}x^2 \div \left(-\frac{10}{3}x\right) = \frac{5}{6}x^2 \times \left(-\frac{3}{10x}\right) \\ = -\frac{1}{4}x$$

2.

$$(1) -5xy \times 7y \times (-2x) = 70x^2y^2 \quad (2) 4a \times 9b \div (-8a) = \frac{4a \times 9b}{-8a} = -\frac{9b}{2}$$

$$(3) 18xy \div (-3y) \times (-9xy) = \frac{18xy \times (-9xy)}{-3y} = 54x^2y$$

$$(4) -12a^2 \div (-6a) \div 2a = \frac{-12a^2}{-6a \times 2a} = 1 \quad \text{わるときはしたへしたへかける}$$

分数の形にして約分