

次のそれぞれの計算をなさい。

1. $x^2 \times 4x \div 2x$

2. $-3y \div 2y^2 \times 6y^3$

3. $-6x^3 \times (-3x^3) \div (-2x^2)$

4. $(-\frac{1}{3}x^2y) \div \frac{1}{2}x^2y$

$$5. 3xy \times \frac{2}{3}xy \div \left(-\frac{1}{2}x^2y^2\right)$$

$$6. 4x^2 \div (-xyz) \times \frac{1}{2}xy^2z$$

$$7. -x^3yz^2 \div xy^2z^2 \div \frac{1}{x^2y^2z}$$

$$8. -\frac{2}{3}x^2y \times \frac{3}{4}xy \div \left(-\frac{1}{6}x^2y^3\right)$$

$$9. \frac{5}{6}x^4y^2z^3 \div \left(\frac{5}{3}x^2y\right) \div \left(-\frac{1}{6}yz^2\right)$$

$$10. \frac{18}{8}x^2y^3z \times \left(\frac{4}{6}x^2y\right)^2 \div \left(-x^3y^2z\right)^2$$