

開始日 /	終了日 /	解説 NO8	式の計算 NO8A	NAME	9A
			中 2 単項式÷単項式-①		

A コース

B コース

C コース

$$\begin{aligned} \textcircled{1} \quad 15a \div 5a \\ &= \frac{15\cancel{a}}{5\cancel{a}} \\ &= 3 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 24ab \div (-6a) \\ &= -\frac{24\cancel{a}b}{6\cancel{a}} \\ &= -4b \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad (-9xy) \div 3y \\ &= -\frac{9x\cancel{y}}{3\cancel{y}} \\ &= -3x \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 8ab \div 12ab \\ &= \frac{8\cancel{a}\cancel{b}}{12\cancel{a}\cancel{b}} \\ &= \frac{2}{3} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad (-6mn) \div (-18mn) \\ &= \frac{6\cancel{m}\cancel{n}}{18\cancel{m}\cancel{n}} \\ &= \frac{1}{3} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad 21xy \div (-35xyz) \\ &= -\frac{21x\cancel{y}}{35x\cancel{y}z} \\ &= -\frac{3}{5z} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad (-6abc) \div (-8ab) \\ &= \frac{6\cancel{a}\cancel{b}c}{8\cancel{a}\cancel{b}} \\ &= \frac{3c}{4} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad (-5mn) \div 10m \\ &= -\frac{5\cancel{m}n}{10\cancel{m}} \\ &= -\frac{n}{2} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad (-9xyz) \div (-12xz) \\ &= \frac{9x\cancel{y}z}{12x\cancel{y}z} \\ &= \frac{3y}{4} \end{aligned}$$

$$\begin{aligned} \textcircled{1} \quad x^3 \div x^2 \\ &= \frac{x\cancel{x}x}{x\cancel{x}} \\ &= x \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad (-30a^3) \div 6a \\ &= -\frac{30\cancel{a}aa}{6\cancel{a}} \\ &= -5a^2 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad -32b^3 \div (-4b) \\ &= \frac{32\cancel{b}bb}{4\cancel{b}} \\ &= 8b^2 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 8a^2b \div 2ab^2 \\ &= \frac{8\cancel{a}ab}{2\cancel{a}bb} \\ &= \frac{4a}{b} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 9xy^2 \div (-3x^2y) \\ &= -\frac{9x\cancel{y}y}{3x\cancel{x}y} \\ &= -\frac{3y}{x} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad (-16p^2q) \div (-8pq^2) \\ &= \frac{16\cancel{p}pq}{8\cancel{p}q^2} \\ &= \frac{2p}{q} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad 5xy^2 \div (-10x^2y) \\ &= -\frac{5x\cancel{y}y}{10x\cancel{x}y} \\ &= -\frac{y}{2x} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad 2a^3b \div 12a^2b \\ &= \frac{2\cancel{a}aa\cancel{b}}{12\cancel{a}aa\cancel{b}} \\ &= \frac{a}{6} \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad x^2y \div (-xy^2) \\ &= -\frac{x\cancel{x}y}{x\cancel{y}y} \\ &= -\frac{x}{y} \end{aligned}$$

$$\begin{aligned} \textcircled{1} \quad \frac{2}{9}xy \div \frac{1}{3}y \\ &= \frac{2xy}{9} \div \frac{y}{3} \\ &= \frac{2x\cancel{y} \times 3}{9 \times \cancel{y}} \\ &= \frac{2x}{3} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad \frac{5}{2}abc \div \frac{1}{4}ab \\ &= \frac{5abc}{2} \div \frac{ab}{4} \\ &= \frac{5\cancel{a}\cancel{b}c \times 4}{2 \times \cancel{a}\cancel{b}} \\ &= 10c \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad \frac{2}{3}xy \div \frac{4}{3}x^2y^3 \\ &= \frac{2xy}{3} \div \frac{4xxyyy}{3} \\ &= \frac{2x\cancel{y} \times 3}{3 \times 4xxyyy} \\ &= \frac{1}{2xy^2} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad (-2a^2b) \div \left(-\frac{1}{6}ab^2\right) \\ &= -\frac{2aab}{1} \div \left(-\frac{abb}{6}\right) \\ &= \frac{2\cancel{a}\cancel{a}b \times 6}{1 \times \cancel{a}\cancel{a}bb} \\ &= \frac{12a}{b} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{5}{2}ab^3 \div (-15a^3b) \\ &= \frac{5abb}{2} \div \left(-\frac{15aaaab}{1}\right) \\ &= -\frac{5\cancel{a}\cancel{a}bb \times 1}{2 \times 15\cancel{a}\cancel{a}\cancel{a}bb} \\ &= -\frac{b^2}{6a^2} \end{aligned}$$