| / | 解　説 | 式の計算問題NO 14 | A間違数 | B間違数 | C間違数 | D間違数 |
|---|---|---|---|---|---|---|
| / | NO12 | 中2 等式の変形ー②B | | | | |

## テクニック④＋③

(b) $\frac{2abc}{3} = p$

$abc = \frac{3}{2}p$

$b = \frac{3p}{2ac}$

(y) $-\frac{8}{9}mny = a$

$mny = -\frac{9a}{8}$

$y = -\frac{9a}{8mn}$

(x) $-\frac{7}{5}xy = \frac{3}{2}\cancel{\frac{21}{10}}a \times (-\frac{2}{7})$

$xy = -\frac{3}{2}a$

$x = -\frac{3a}{2y}$

(m) $-\frac{3mn}{7} = \frac{3}{2}\cancel{\frac{15}{14}}b \times (-\frac{2}{3})$

$mn = -\frac{5}{2}b$

$m = -\frac{5b}{2n}$

(a) $-\frac{9}{4}ab = \frac{3}{4}\cancel{\frac{27}{16}}y \times (-\frac{4}{9})$

$ab = -\frac{3y}{4}$

$a = -\frac{3y}{4b}$

(z) $\frac{1}{5}xyz = c$

$xyz = 5c$

$z = \frac{5c}{xy}$

(b) $-\frac{5}{2}bmx = -\frac{3}{2}\cancel{\frac{15}{4}}a \times (-\frac{2}{5})$

$bmx = +\frac{3}{2}a$

$b = +\frac{3a}{2mx}$

## テクニック①＋②

(x) $-9 - 3x = b$

$-3x = b + 9$

$x = -\frac{b+9}{3}$

(m) $nm - a = 5$

$nm = 5 + a$

$m = \frac{5+a}{n}$

(a) $7b + 2a = -x$

$2a = -x + 7b$

$a = \frac{-x+7b}{2}$

(b) $-3n(4-b) = m$

$4 - b = -\frac{m}{3n}$

$-b = -\frac{m}{3n} - 4$

$b = \frac{m}{3n} + 4$

(x) $6b - x = 1$

$-x = 1 - 6b$

$x = -1 + 6b$

(b) $-a + 8b = -m$

$8b = -m + a$

$b = \frac{-m+a}{8}$

(a) $-\frac{5}{2}bmx = -\frac{3}{2}\cancel{\frac{15}{4}}a \times (-\frac{2}{5})$

$-a - x = 2$

$-a = 2 + x$

$a = -2 - x$

## テクニック②③＋①

(a) $6y(a-1) = b$

$a - 1 = \frac{b}{6y}$

$a = \frac{b}{6y} + 1$

(m) $-x(m-7) = y$

$m - 7 = -\frac{y}{x}$

$m = -\frac{y}{x} + 7$

(p) $8c(2-p) = 2$

$2 - p = \frac{1}{4c}$

$-p = \frac{1}{4c} - 2$

$p = -\frac{1}{4c} + 2$

(a) $9y(a+b) = c$

$a + b = \frac{c}{9y}$

$a = \frac{c}{9y} - b$

(x) 応用 $\frac{7}{4}a(x-3) = n$

$a(x-3) = \frac{4}{7}n$

$x - 3 = \frac{4n}{7a}$

$x = \frac{4n}{7a} + 3$

(m) 応用 $-\frac{y}{8}(a-m) = x$

$y(a-m) = -8x$

$a - m = -\frac{8x}{y}$

$-m = -\frac{8x}{y} - a$

$m = \frac{8x}{y} + a$

## テクニック⑤①②

(y) $\frac{b-7y}{5} = a$

$b - 7y = 5a$

$-7y = 5a - b$

$y = -\frac{5a-b}{7}$

(x) $\frac{x-y}{6} = z$

$x - y = 6z$

$x = 6z + y$

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(c) $\frac{a-5c}{7} = p$

$a - 5c = 7p$

$-5c = 7p - a$

$c = -\frac{7p-a}{5}$

(m) $\frac{6m+n}{4} = x$

$6m + n = 4x$

$6m = 4x - n$

$m = \frac{4x-n}{6}$

(a) $\frac{xy-7a}{9} = b$

$xy - 7a = 9b$

$-7a = 9b - xy$

$a = -\frac{9b-xy}{7}$

(m) $\frac{2m-a}{4} = c$

$2m - a = 4c$

$2m = 4c + a$

$m = \frac{4c+a}{2}$

エキシビション