

開始日 月 / 日	終了日 月 / 日
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中2の計算  
等式の変形—応用問題②

間違えた数	NAME

Aコース

Bコース

Cコース

Dコース

(a)  $\frac{5}{4}abc = m$   
 $abc = \frac{4m}{5}$

(a)  $3a + b = 5$   
 $3a = 5 - b$

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

(x)  $\frac{a-2x}{3} = m$   
 $a-2x = 3m$

(n)  $a = \frac{4m}{5bc}$   
 $-\frac{3}{7}any = x$

(a)  $a = \frac{5-b}{3}$   
 $n-4a = b$

(a)  $x = \frac{y}{3a} + 4$   
 $-n(a+4) = b$

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

$any = -\frac{7x}{3}$   
 $n = -\frac{7x}{3ay}$

$-4a = b-n$   
 $a = -\frac{b-n}{4}$

$a+4 = -\frac{b}{n}$   
 $a = -\frac{b}{n} - 4$

$\frac{a-b}{4} = x$   
 $a-b = 4x$   
 $a = 4x + b$

(z)  $\frac{5bmz}{4} = c$   
 $bmz = \frac{4c}{5}$

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

(a)  $9b(6+a) = 2$   
 $6+a = \frac{2-9b}{9b}$

$m-3n = 5x$   
 $m-3n = 5x$

(a)  $z = \frac{4c}{5bm}$   
 $\frac{1}{2}apx = b$

(m)  $b = -2+a$   
 $-3-7m = p$

(y)  $a = \frac{2-9b}{9b}$   
 $-5x(3+y) = a$

$-3n = 5x-m$   
 $n = -\frac{5x-m}{3}$

$apx = 2b$   
 $a = \frac{2b}{px}$

$-7m = p+3$   
 $m = -\frac{p+3}{7}$

$3+y = -\frac{a}{5}$   
 $y = -\frac{a}{5} - 3$

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

(b)  $\frac{3}{4}ab = \frac{1}{8}n \cdot \frac{4}{3}$   
 $ab = \frac{n}{8}$

(x)  $ab-x = 4$   
 $-x = 4-ab$

(b)  $4a(b-1) = c$   
 $b-1 = \frac{c}{4a}$

$4c = 2a-y$   
 $c = \frac{2a-y}{4}$

(y)  $b = \frac{n}{8}$   
 $-\frac{9xyz}{8} = \frac{3}{4}a \times (-\frac{8}{3})$

$x = -4+ab$   
 $-6a+5b = -y$

(m) 応用  
 $\frac{3}{5}x \times \frac{3}{2}x(m+5) = a \times \frac{2}{3}$   
 $\frac{x(m+5)}{x} = \frac{2a}{3x}$

$ab-3x = 8m$   
 $-3x = 8m-ab$

$xyz = -\frac{2a}{3}$   
 $y = -\frac{2a}{3xz}$

$-8a = -y-5b$   
 $a = -\frac{y-5b}{8}$

$m+5 = \frac{2a}{3x}$   
 $m = \frac{2a}{3x} - 5$

$x = -\frac{8m-ab}{3}$   
 $\frac{9a-x}{2} = y$

(m)  $-\frac{6}{5}nm = -\frac{4}{15}a \times (-\frac{6}{5})$   
 $nm = \frac{2a}{9}$

(p)  $p-mn = 2a$   
 $-p = 2a+mn$

(x) 応用  
 $(-3)x - \frac{a}{3}(x-y) = b \times (-3)$   
 $a(x-y) = -3b$

$9a-x = 2y$   
 $9a = 2y+x$

$m = \frac{2a}{9n}$

$P = -2a - mn$

$x-y = \frac{-3b}{a}$   
 $x = -\frac{3b}{a} + y$

$a = \frac{2y+x}{9}$