

【1】一次式を文字について解く

(1) $x = \frac{y-3}{2}$

(2) $a = \frac{y+5}{3}$

(3) $q = \frac{p-1}{4}$

(4) $n = \frac{m+2}{5}$

(5) $x = \frac{7-y}{2}$

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

(7) $t = \frac{s+9}{6}$

(8) $d = -\frac{c+8}{4}$

【2】積や商をふくむ式

(9) $x = \frac{y-b}{a}$

(10) $a = \frac{y-b}{x}$

(11) $r = \frac{p-s}{q}$

(12) $q = \frac{p-s}{r}$

(13) $b = \frac{2A}{h}$

(14) $h = \frac{2A}{b}$

(15) $a = \frac{3V}{bh}$

(16) $h = \frac{3V}{ab}$

【3】図形の公式を変形する

(17) $a = \frac{l}{2} - b$

(18) $b = \frac{l}{2} - a$

(19) $h = \frac{2S}{a+b}$

(20) $a+b = \frac{2S}{h}$

(21) $h = \frac{V}{\pi r^2}$

(22) $h = \frac{V}{S}$

(23) $h = \frac{S}{2\pi r}$

(24) $r = \frac{l}{2\pi}$

【4】いろいろな式の変形

(25) $y = \frac{12-3x}{2}$

(26) $b = 4a - 9$

(27) $p = \frac{20-5q}{2}$

(28) $n = \frac{3m-7}{2}$

(29) $y = \frac{c-ax}{b}$

(30) $x = \frac{c-by}{a}$

(31) $x = \frac{y-n}{m}$

(32) $b = \frac{d}{a} - c$