

1 次方程式の解き方

1 移項を使って次の方程式を解きなさい。

(1) $6x - 10 = -3x + 17$

(2) $2x + 8 = -2x + 40$

(3) $-2x + 2 = 4x + 20$

(4) $-x + 15 = 2x + 30$

(5) $-3x - 2 = -x - 20$

(6) $4x + 1 = 3(x + 2)$

(7) $2(x - 4) = 9x + 20$

(8) $-(x - 2) = x - 10$

(9) $x + 4(x + 3) = -3$

(10) $2x - \frac{1}{3} = 1$

(11) $\frac{2}{3}x + 5 = \frac{1}{4}x$

(12) $\frac{x-5}{3} = \frac{x-4}{3}$

(13) $\frac{x}{2} - \frac{x-3}{4} = \frac{2-x}{3}$

(14) $0.2x + 0.1 = 0.1x + 2.8$

(15) $0.06x - 0.36 = -0.02x + 0.04$

(16) $80x = 240(x - 2)$