二次方程式 整理してから解く（16問）　版J

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $4x^2 + 7x + 3 = 0$

(2) $9x^2 = -21x - 6$

(3) $6x^2 = 21x - 15$

(4) $4x^2 = 2x + 2$

(5) $2x^2 - 12x + 1 = 0$

(6) $5x^2 - 2x - 4 = 0$

(7) $3x^2 + 14x - 24 = 0$

(8) $(x + 5)(x - 5) = -12$

(9) $(x + 5)(x - 2) = -5$

(10) $25x^2 + 35x + 12 = 0$

(11) $(x - 4)(x + 6) = 5$

(12) $16x^2 - 40x + 21 = 0$

(13) $2x^2 - 2x - 3 = 0$

(14) $25x^2 - 4 = 0$

(15) $2x^2 - 3x - 14 = 0$

(16) $2x^2 = -7x - 6$

二次方程式 整理してから解く（16問）　版Jの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $4x^2 + 7x + 3 = 0$
$x = -1, -3/4$

(2) $9x^2 = -21x - 6$
$x = -2, -1/3$

(3) $6x^2 = 21x - 15$
$x = 1, 5/2$

(4) $4x^2 = 2x + 2$
$x = -1/2, 1$

(5) $2x^2 - 12x + 1 = 0$
$x = (6 \pm \sqrt{34})/2$

(6) $5x^2 - 2x - 4 = 0$
$x = (1 \pm \sqrt{21})/5$

(7) $3x^2 + 14x - 24 = 0$
$x = -6, 4/3$

(8) $(x + 5)(x - 5) = -12$
$x = \pm\sqrt{13}$

(9) $(x + 5)(x - 2) = -5$
$x = (-3 \pm \sqrt{29})/2$

(10) $25x^2 + 35x + 12 = 0$
$x = -4/5, -3/5$

(11) $(x - 4)(x + 6) = 5$
$x = -1 \pm \sqrt{30}$

(12) $16x^2 - 40x + 21 = 0$
$x = 3/4, 7/4$

(13) $2x^2 - 2x - 3 = 0$
$x = (1 \pm \sqrt{7})/2$

(14) $25x^2 - 4 = 0$
$x = -2/5, 2/5$

(15) $2x^2 - 3x - 14 = 0$
$x = -2, 7/2$

(16) $2x^2 = -7x - 6$
$x = -2, -3/2$

free-print.net ｜ 二次方程式の問題プリント 整理してから解く 版J ｜ 学校・塾での配布OK