二次方程式 整理してから解く（16問）　版P

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $9x^2 = -18x - 5$

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

(3) $10x^2 - 21x - 10 = 0$

(4) $5x^2 + 12x + 1 = 0$

(5) $8x^2 - 22x + 5 = 0$

(6) $15x^2 + 32x + 16 = 0$

(7) $5x^2 - 2x - 8 = 0$

(8) $3x^2 = -8x + 3$

(9) $2x^2 - 4x - 5 = 0$

(10) $(x - 4)(x + 1) = 11$

(11) $9x^2 = 9x - 2$

(12) $2x^2 = -9x + 18$

(13) $4x^2 + 29x + 30 = 0$

(14) $2x^2 + 15x + 7 = 0$

(15) $(x - 5)(x + 3) = -2$

(16) $16x^2 - 32x + 7 = 0$

二次方程式 整理してから解く（16問）　版Pの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $9x^2 = -18x - 5$
$x = -5/3, -1/3$

(2) $(x - 3)(x + 4) = 6$
$x = (-1 \pm \sqrt{73})/2$

(3) $10x^2 - 21x - 10 = 0$
$x = -2/5, 5/2$

(4) $5x^2 + 12x + 1 = 0$
$x = (-6 \pm \sqrt{31})/5$

(5) $8x^2 - 22x + 5 = 0$
$x = 1/4, 5/2$

(6) $15x^2 + 32x + 16 = 0$
$x = -4/3, -4/5$

(7) $5x^2 - 2x - 8 = 0$
$x = (1 \pm \sqrt{41})/5$

(8) $3x^2 = -8x + 3$
$x = -3, 1/3$

(9) $2x^2 - 4x - 5 = 0$
$x = (2 \pm \sqrt{14})/2$

(10) $(x - 4)(x + 1) = 11$
$x = (3 \pm \sqrt{69})/2$

(11) $9x^2 = 9x - 2$
$x = 1/3, 2/3$

(12) $2x^2 = -9x + 18$
$x = -6, 3/2$

(13) $4x^2 + 29x + 30 = 0$
$x = -6, -5/4$

(14) $2x^2 + 15x + 7 = 0$
$x = -7, -1/2$

(15) $(x - 5)(x + 3) = -2$
$x = 1 \pm \sqrt{14}$

(16) $16x^2 - 32x + 7 = 0$
$x = 1/4, 7/4$

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