二次方程式 整理してから解く（16問）　版F

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $10x^2 + 21x - 49 = 0$

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

(3) $9x^2 - 9x - 28 = 0$

(4) $10x^2 + 29x + 10 = 0$

(5) $5x^2 - 10x - 6 = 0$

(6) $2x^2 + 11x + 14 = 0$

(7) $(x + 4)(x - 1) = -5$

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

(9) $6x^2 = -7x - 2$

(10) $20x^2 + 63x + 49 = 0$

(11) $(x + 1)(x - 3) = 12$

(12) $3x^2 + 10x + 6 = 0$

(13) $2x^2 = -7x - 6$

(14) $3x^2 = 9x + 12$

(15) $x^2 = -4x - 3$

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

二次方程式 整理してから解く（16問）　版Fの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $10x^2 + 21x - 49 = 0$
$x = -7/2, 7/5$

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

(3) $9x^2 - 9x - 28 = 0$
$x = -4/3, 7/3$

(4) $10x^2 + 29x + 10 = 0$
$x = -5/2, -2/5$

(5) $5x^2 - 10x - 6 = 0$
$x = (5 \pm \sqrt{55})/5$

(6) $2x^2 + 11x + 14 = 0$
$x = -7/2, -2$

(7) $(x + 4)(x - 1) = -5$
$x = (-3 \pm \sqrt{5})/2$

(8) $5x^2 - 8x - 2 = 0$
$x = (4 \pm \sqrt{26})/5$

(9) $6x^2 = -7x - 2$
$x = -2/3, -1/2$

(10) $20x^2 + 63x + 49 = 0$
$x = -7/4, -7/5$

(11) $(x + 1)(x - 3) = 12$
$x = -3, 5$

(12) $3x^2 + 10x + 6 = 0$
$x = (-5 \pm \sqrt{7})/3$

(13) $2x^2 = -7x - 6$
$x = -2, -3/2$

(14) $3x^2 = 9x + 12$
$x = -1, 4$

(15) $x^2 = -4x - 3$
$x = -3, -1$

(16) $(x + 2)(x - 5) = 9$
$x = (3 \pm \sqrt{85})/2$

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