二次方程式 整理してから解く（16問）　版C

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $6x^2 = -26x - 24$

(2) $10x^2 + 39x + 14 = 0$

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

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

(5) $2x^2 - 6x - 9 = 0$

(6) $(x + 1)(x - 6) = -7$

(7) $12x^2 - 23x + 10 = 0$

(8) $9x^2 = 21x - 10$

(9) $15x^2 + 26x - 21 = 0$

(10) $2x^2 - 9x + 7 = 0$

(11) $(x + 6)(x + 6) = 9$

(12) $(x + 1)(x + 5) = 12$

(13) $3x^2 = -13x - 4$

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

(15) $4x^2 - 8x - 1 = 0$

(16) $6x^2 - 19x + 15 = 0$

二次方程式 整理してから解く（16問）　版Cの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $6x^2 = -26x - 24$
$x = -3, -4/3$

(2) $10x^2 + 39x + 14 = 0$
$x = -7/2, -2/5$

(3) $2x^2 - 10x + 3 = 0$
$x = (5 \pm \sqrt{19})/2$

(4) $2x^2 = 5x + 12$
$x = -3/2, 4$

(5) $2x^2 - 6x - 9 = 0$
$x = (3 \pm 3\sqrt{3})/2$

(6) $(x + 1)(x - 6) = -7$
$x = (5 \pm \sqrt{21})/2$

(7) $12x^2 - 23x + 10 = 0$
$x = 2/3, 5/4$

(8) $9x^2 = 21x - 10$
$x = 2/3, 5/3$

(9) $15x^2 + 26x - 21 = 0$
$x = -7/3, 3/5$

(10) $2x^2 - 9x + 7 = 0$
$x = 1, 7/2$

(11) $(x + 6)(x + 6) = 9$
$x = -9, -3$

(12) $(x + 1)(x + 5) = 12$
$x = -7, 1$

(13) $3x^2 = -13x - 4$
$x = -4, -1/3$

(14) $6x^2 + 11x - 7 = 0$
$x = -7/3, 1/2$

(15) $4x^2 - 8x - 1 = 0$
$x = (2 \pm \sqrt{5})/2$

(16) $6x^2 - 19x + 15 = 0$
$x = 3/2, 5/3$

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