二次方程式 整理してから解く（16問）　版Q

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $8x^2 - 30x + 25 = 0$

(2) $4x^2 - 6x - 3 = 0$

(3) $(x - 5)(x + 5) = 6$

(4) $6x^2 - 13x - 28 = 0$

(5) $4x^2 = -6x + 18$

(6) $2x^2 = -7x - 5$

(7) $15x^2 + 26x - 21 = 0$

(8) $(x - 2)(x + 4) = 10$

(9) $3x^2 + 6x - 5 = 0$

(10) $3x^2 = -4x - 1$

(11) $15x^2 + 4x - 3 = 0$

(12) $6x^2 + 5x - 4 = 0$

(13) $5x^2 - 16x + 12 = 0$

(14) $2x^2 = 5x + 25$

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

(16) $5x^2 - 12x + 3 = 0$

二次方程式 整理してから解く（16問）　版Qの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $8x^2 - 30x + 25 = 0$
$x = 5/4, 5/2$

(2) $4x^2 - 6x - 3 = 0$
$x = (3 \pm \sqrt{21})/4$

(3) $(x - 5)(x + 5) = 6$
$x = \pm\sqrt{31}$

(4) $6x^2 - 13x - 28 = 0$
$x = -4/3, 7/2$

(5) $4x^2 = -6x + 18$
$x = -3, 3/2$

(6) $2x^2 = -7x - 5$
$x = -5/2, -1$

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

(8) $(x - 2)(x + 4) = 10$
$x = -1 \pm \sqrt{19}$

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

(10) $3x^2 = -4x - 1$
$x = -1, -1/3$

(11) $15x^2 + 4x - 3 = 0$
$x = -3/5, 1/3$

(12) $6x^2 + 5x - 4 = 0$
$x = -4/3, 1/2$

(13) $5x^2 - 16x + 12 = 0$
$x = 6/5, 2$

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

(15) $(x + 6)(x - 2) = -3$
$x = -2 \pm \sqrt{13}$

(16) $5x^2 - 12x + 3 = 0$
$x = (6 \pm \sqrt{21})/5$

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