二次方程式 整理してから解く（16問）　版L

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $6x^2 = 18x - 12$

(2) $(x + 1)(x - 3) = 2$

(3) $20x^2 + 11x - 4 = 0$

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

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

(6) $2x^2 = 12x - 10$

(7) $5x^2 + 28x + 15 = 0$

(8) $2x^2 = -12x - 16$

(9) $8x^2 + 6x - 35 = 0$

(10) $6x^2 = 30x - 36$

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

(12) $5x^2 - 21x - 20 = 0$

(13) $2x^2 - 8x + 7 = 0$

(14) $(x - 4)(x - 6) = 6$

(15) $16x^2 + 8x - 15 = 0$

(16) $20x^2 + 33x + 7 = 0$

二次方程式 整理してから解く（16問）　版Lの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $6x^2 = 18x - 12$
$x = 1, 2$

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

(3) $20x^2 + 11x - 4 = 0$
$x = -4/5, 1/4$

(4) $5x^2 - 4x - 6 = 0$
$x = (2 \pm \sqrt{34})/5$

(5) $2x^2 - 8x + 5 = 0$
$x = (4 \pm \sqrt{6})/2$

(6) $2x^2 = 12x - 10$
$x = 1, 5$

(7) $5x^2 + 28x + 15 = 0$
$x = -5, -3/5$

(8) $2x^2 = -12x - 16$
$x = -4, -2$

(9) $8x^2 + 6x - 35 = 0$
$x = -5/2, 7/4$

(10) $6x^2 = 30x - 36$
$x = 2, 3$

(11) $(x + 3)(x + 6) = 5$
$x = (-9 \pm \sqrt{29})/2$

(12) $5x^2 - 21x - 20 = 0$
$x = -4/5, 5$

(13) $2x^2 - 8x + 7 = 0$
$x = (4 \pm \sqrt{2})/2$

(14) $(x - 4)(x - 6) = 6$
$x = 5 \pm \sqrt{7}$

(15) $16x^2 + 8x - 15 = 0$
$x = -5/4, 3/4$

(16) $20x^2 + 33x + 7 = 0$
$x = -7/5, -1/4$

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