二次方程式 整理してから解く（16問）　版D

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $3x^2 + 10x - 3 = 0$

(2) $(x + 3)(x + 5) = 7$

(3) $3x^2 - 8x - 5 = 0$

(4) $6x^2 = -18x - 12$

(5) $(x - 4)(x + 3) = 10$

(6) $12x^2 + 17x - 7 = 0$

(7) $6x^2 = 19x - 15$

(8) $2x^2 = -4x + 6$

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

(10) $2x^2 = -4x + 30$

(11) $10x^2 + 27x + 18 = 0$

(12) $20x^2 - 33x + 10 = 0$

(13) $20x^2 - 13x - 15 = 0$

(14) $20x^2 + 27x - 14 = 0$

(15) $5x^2 + 4x - 7 = 0$

(16) $3x^2 + 2x - 1 = 0$

二次方程式 整理してから解く（16問）　版Dの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $3x^2 + 10x - 3 = 0$
$x = (-5 \pm \sqrt{34})/3$

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

(3) $3x^2 - 8x - 5 = 0$
$x = (4 \pm \sqrt{31})/3$

(4) $6x^2 = -18x - 12$
$x = -2, -1$

(5) $(x - 4)(x + 3) = 10$
$x = (1 \pm \sqrt{89})/2$

(6) $12x^2 + 17x - 7 = 0$
$x = -7/4, 1/3$

(7) $6x^2 = 19x - 15$
$x = 3/2, 5/3$

(8) $2x^2 = -4x + 6$
$x = -3, 1$

(9) $(x + 4)(x - 2) = 8$
$x = -1 \pm \sqrt{17}$

(10) $2x^2 = -4x + 30$
$x = -5, 3$

(11) $10x^2 + 27x + 18 = 0$
$x = -3/2, -6/5$

(12) $20x^2 - 33x + 10 = 0$
$x = 2/5, 5/4$

(13) $20x^2 - 13x - 15 = 0$
$x = -3/5, 5/4$

(14) $20x^2 + 27x - 14 = 0$
$x = -7/4, 2/5$

(15) $5x^2 + 4x - 7 = 0$
$x = (-2 \pm \sqrt{39})/5$

(16) $3x^2 + 2x - 1 = 0$
$x = -1, 1/3$

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