二次方程式 整理してから解く（16問）　版M

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $20x^2 - 43x + 21 = 0$

(2) $20x^2 - x - 30 = 0$

(3) $(x - 3)(x + 2) = 12$

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

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

(6) $25x^2 + 40x + 12 = 0$

(7) $20x^2 + 29x + 6 = 0$

(8) $10x^2 - 37x + 7 = 0$

(9) $(x + 6)(x + 5) = 6$

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

(11) $3x^2 + 10x - 3 = 0$

(12) $4x^2 + 2x - 7 = 0$

(13) $10x^2 - 13x - 30 = 0$

(14) $4x^2 - 6x + 1 = 0$

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

(16) $(x + 5)(x + 4) = 1$

二次方程式 整理してから解く（16問）　版Mの答え

※ まず「～ = 0」の形に直したかを確認してください。

(1) $20x^2 - 43x + 21 = 0$
$x = 3/4, 7/5$

(2) $20x^2 - x - 30 = 0$
$x = -6/5, 5/4$

(3) $(x - 3)(x + 2) = 12$
$x = (1 \pm \sqrt{73})/2$

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

(5) $2x^2 = -5x - 3$
$x = -3/2, -1$

(6) $25x^2 + 40x + 12 = 0$
$x = -6/5, -2/5$

(7) $20x^2 + 29x + 6 = 0$
$x = -6/5, -1/4$

(8) $10x^2 - 37x + 7 = 0$
$x = 1/5, 7/2$

(9) $(x + 6)(x + 5) = 6$
$x = -8, -3$

(10) $9x^2 = 9x - 2$
$x = 1/3, 2/3$

(11) $3x^2 + 10x - 3 = 0$
$x = (-5 \pm \sqrt{34})/3$

(12) $4x^2 + 2x - 7 = 0$
$x = (-1 \pm \sqrt{29})/4$

(13) $10x^2 - 13x - 30 = 0$
$x = -6/5, 5/2$

(14) $4x^2 - 6x + 1 = 0$
$x = (3 \pm \sqrt{5})/4$

(15) $6x^2 = -7x - 2$
$x = -2/3, -1/2$

(16) $(x + 5)(x + 4) = 1$
$x = (-9 \pm \sqrt{5})/2$