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。

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