二次方程式 整理してから解く（16問）　版N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) $16x^2 - 8x - 15 = 0$
$x = -3/4,\ 5/4$

(2) $(x - 1)(x - 6) = -2$
$x = (7 \pm \sqrt{17})/2$

(3) $2x^2 + 12x - 5 = 0$
$x = (-6 \pm \sqrt{46})/2$

(4) $20x^2 + 17x - 10 = 0$
$x = -5/4,\ 2/5$

(5) $2x^2 = -11x + 6$
$x = -6,\ 1/2$

(6) $15x^2 - 2x - 8 = 0$
$x = -2/3,\ 4/5$

(7) $(x - 6)(x + 3) = 7$
$x = (3 \pm \sqrt{109})/2$

(8) $8x^2 + 6x - 5 = 0$
$x = -5/4,\ 1/2$

(9) $2x^2 - 8x + 1 = 0$
$x = (4 \pm \sqrt{14})/2$

(10) $8x^2 - 30x + 7 = 0$
$x = 1/4,\ 7/2$

(11) $12x^2 + 23x + 5 = 0$
$x = -5/3,\ -1/4$

(12) $6x^2 = 10x - 4$
$x = 2/3,\ 1$

(13) $3x^2 - 8x - 4 = 0$
$x = (4 \pm 2\sqrt{7})/3$

(14) $2x^2 = 14x - 12$
$x = 1,\ 6$

(15) $6x^2 = -x + 15$
$x = -5/3,\ 3/2$

(16) $(x - 1)(x + 3) = 9$
$x = -1 \pm \sqrt{13}$