# 二次方程式 解の公式（16問）　版L

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $2x^2 - x - 2 = 0$

(2) $4x^2 + 8x - 1 = 0$

(3) $2x^2 + 5x + 1 = 0$

(4) $5x^2 + x - 1 = 0$

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

(6) $5x^2 + 4x - 7 = 0$

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

(8) $x^2 - 9x - 2 = 0$

(9) $2x^2 + 2x - 5 = 0$

(10) $x^2 - 9x + 1 = 0$

(11) $2x^2 + 9x - 3 = 0$

(12) $2x^2 + 4x - 1 = 0$

(13) $x^2 + 9x + 7 = 0$

(14) $x^2 + x - 3 = 0$

(15) $x^2 + 9x - 5 = 0$

(16) $x^2 - 7x - 3 = 0$



# 二次方程式 解の公式（16問）　版Lの答え

※ 根号の中を簡単にしたか・約分したかまで見てください。

(1) $2x^2 - x - 2 = 0$
$x = (1 \pm \sqrt{17})/4$

(2) $4x^2 + 8x - 1 = 0$
$x = (-2 \pm \sqrt{5})/2$

(3) $2x^2 + 5x + 1 = 0$
$x = (-5 \pm \sqrt{17})/4$

(4) $5x^2 + x - 1 = 0$
$x = (-1 \pm \sqrt{21})/10$

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

(6) $5x^2 + 4x - 7 = 0$
$x = (-2 \pm \sqrt{39})/5$

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

(8) $x^2 - 9x - 2 = 0$
$x = (9 \pm \sqrt{89})/2$

(9) $2x^2 + 2x - 5 = 0$
$x = (-1 \pm \sqrt{11})/2$

(10) $x^2 - 9x + 1 = 0$
$x = (9 \pm \sqrt{77})/2$

(11) $2x^2 + 9x - 3 = 0$
$x = (-9 \pm \sqrt{105})/4$

(12) $2x^2 + 4x - 1 = 0$
$x = (-2 \pm \sqrt{6})/2$

(13) $x^2 + 9x + 7 = 0$
$x = (-9 \pm \sqrt{53})/2$

(14) $x^2 + x - 3 = 0$
$x = (-1 \pm \sqrt{13})/2$

(15) $x^2 + 9x - 5 = 0$
$x = (-9 \pm \sqrt{101})/2$

(16) $x^2 - 7x - 3 = 0$
$x = (7 \pm \sqrt{61})/2$