二次方程式 解の公式（16問）　版O

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

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

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

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

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

(5) $3x^2 + 7x - 3 = 0$

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

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

(8) $3x^2 - 4x - 5 = 0$

(9) $4x^2 - 8x - 1 = 0$

(10) $x^2 - 6x - 1 = 0$

(11) $5x^2 + 4x - 2 = 0$

(12) $5x^2 - 9x - 3 = 0$

(13) $2x^2 - 3x - 8 = 0$

(14) $x^2 - 2x - 6 = 0$

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

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

二次方程式 解の公式（16問）　版O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) $x^2 + 5x - 8 = 0$
$x = (-5 \pm \sqrt{57})/2$

(2) $4x^2 - 7x + 2 = 0$
$x = (7 \pm \sqrt{17})/8$

(3) $x^2 + 8x + 5 = 0$
$x = -4 \pm \sqrt{11}$

(4) $x^2 - 5x - 1 = 0$
$x = (5 \pm \sqrt{29})/2$

(5) $3x^2 + 7x - 3 = 0$
$x = (-7 \pm \sqrt{85})/6$

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

(7) $x^2 + 7x - 4 = 0$
$x = (-7 \pm \sqrt{65})/2$

(8) $3x^2 - 4x - 5 = 0$
$x = (2 \pm \sqrt{19})/3$

(9) $4x^2 - 8x - 1 = 0$
$x = (2 \pm \sqrt{5})/2$

(10) $x^2 - 6x - 1 = 0$
$x = 3 \pm \sqrt{10}$

(11) $5x^2 + 4x - 2 = 0$
$x = (-2 \pm \sqrt{14})/5$

(12) $5x^2 - 9x - 3 = 0$
$x = (9 \pm \sqrt{141})/10$

(13) $2x^2 - 3x - 8 = 0$
$x = (3 \pm \sqrt{73})/4$

(14) $x^2 - 2x - 6 = 0$
$x = 1 \pm \sqrt{7}$

(15) $x^2 - 9x - 8 = 0$
$x = (9 \pm \sqrt{113})/2$

(16) $2x^2 - 2x - 1 = 0$
$x = (1 \pm \sqrt{3})/2$