求解三次多项式方程

姓名: _____ 日期: _____ 分数: _____

$x^3 + 4x^2 - 37x - 40 = 0$

$x^3 + 3x^2 - 25x + 21 = 0$

$4x^3 + 43x^2 + 84x - 180 = 0$

$7x^3 - 76x^2 + 172x - 96 = 0$

$x^3 + 7x^2 + 14x + 8 = 0$

$x^3 + 22x^2 + 157x + 360 = 0$

$9x^3 + 109x^2 + 274x - 336 = 0$

$x^3 - 7x^2 - 8x = 0$

$x^3 - 6x^2 - 27x = 0$

$7x^3 + x^2 - 510x + 432 = 0$

求解三次多项式方程

姓名: _____ 日期: _____ 分数: _____

$x^3 + 4x^2 - 37x - 40 = 0$

$x = -1, -8, 5$

$x^3 + 3x^2 - 25x + 21 = 0$

$x = 3, -7, 1$

$4x^3 + 43x^2 + 84x - 180 = 0$

$x = \frac{5}{4}, -6, -6$

$7x^3 - 76x^2 + 172x - 96 = 0$

$x = \frac{6}{7}, 8, 2$

$x^3 + 7x^2 + 14x + 8 = 0$

$x = -2, -1, -4$

$x^3 + 22x^2 + 157x + 360 = 0$

$x = -8, -9, -5$

$9x^3 + 109x^2 + 274x - 336 = 0$

$x = \frac{8}{9}, -6, -7$

$x^3 - 7x^2 - 8x = 0$

$x = 8, -1, 0$

$x^3 - 6x^2 - 27x = 0$

$x = -3, 9, 0$

$7x^3 + x^2 - 510x + 432 = 0$

$x = \frac{6}{7}, 8, -9$