求解三次多项式方程

姓名: _____ 日期: _____ 分数: _____

$5x^3 + 61x^2 + 128x - 144 = 0$

$x^3 + 12x^2 + 36x = 0$

$10x^3 + 101x^2 + 181x - 252 = 0$

$x^3 + 9x^2 + 20x = 0$

$4x^3 - 13x^2 - 242x + 315 = 0$

$4x^3 + 35x^2 + 34x - 105 = 0$

$x^3 + x^2 - 66x - 216 = 0$

$6x^3 - 97x^2 + 441x - 392 = 0$

$x^3 + 16x^2 + 63x = 0$

$x^3 + 5x^2 - x - 5 = 0$

求解三次多项式方程

姓名: _____ 日期: _____ 分数: _____

$5x^3 + 61x^2 + 128x - 144 = 0$

$x = \frac{4}{5}, -4, -9$

$x^3 + 12x^2 + 36x = 0$

$x = -6, -6, 0$

$10x^3 + 101x^2 + 181x - 252 = 0$

$x = \frac{9}{10}, -7, -4$

$x^3 + 9x^2 + 20x = 0$

$x = -4, -5, 0$

$4x^3 - 13x^2 - 242x + 315 = 0$

$x = \frac{5}{4}, -7, 9$

$4x^3 + 35x^2 + 34x - 105 = 0$

$x = \frac{5}{4}, -3, -7$

$x^3 + x^2 - 66x - 216 = 0$

$x = -4, 9, -6$

$6x^3 - 97x^2 + 441x - 392 = 0$

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

$x^3 + 16x^2 + 63x = 0$

$x = -7, -9, 0$

$x^3 + 5x^2 - x - 5 = 0$

$x = -5, 1, -1$