

Alg 1K Unit 13 Worksheet 1

name _____

① $x^3 - 9x^2 + 20x = 0$

⑨ $(3x-2)(2x+5) = 5x^2 + 5x - 18$

② $5x - 2 = 3x^2$

⑩ $x(2x-7) = (2x-1)^2$

③ $3x - 20 = -2x^2$

⑪ $x^2 + \frac{7}{2} = \frac{15x}{2}$

④ $-x^2 = -7x$

⑫ $2x^6 - 100x^4 + 98x^2 = 0$

⑤ $x^5 - 29x^3 + 100x = 0$

⑬ $4x = -x^2 - 4$

⑥ $8x^4 - 18x^2 = 0$

⑭ $5x^2 = 10x$

⑦ $4x^3 = 16x$

⑮ $\frac{x^2}{2} = -\frac{x}{3} + \frac{1}{6}$

⑧ $\frac{1}{2}x^2 - 4x = -6$