

## 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  $\frac{1}{2}x^2 - 4x = -6$