

Alg 1K Unit 13 Worksheet 1

name _____

$$\textcircled{1} \quad x^3 - 9x^2 + 20x = 0$$

$$\textcircled{9} \quad (3x-2)(2x+5) = 5x^2 + 5x - 18$$

$$\textcircled{2} \quad 5x - 2 = 3x^2$$

$$\textcircled{10} \quad x(2x-7) = (2x-1)^2$$

$$\textcircled{3} \quad 3x - 20 = -2x^2$$

$$\textcircled{11} \quad x^2 + \frac{7}{2} = \frac{15x}{2}$$

$$\textcircled{4} \quad -x^2 = -7x$$

$$\textcircled{12} \quad 2x^6 - 100x^4 + 98x^2 = 0$$

$$\textcircled{5} \quad x^5 - 29x^3 + 100x = 0$$

$$\textcircled{13} \quad 4x = -x^2 - 4$$

$$\textcircled{6} \quad 8x^4 - 18x^2 = 0$$

$$\textcircled{14} \quad 5x^2 = 10x$$

$$\textcircled{7} \quad 4x^3 = 16x$$

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

$$\textcircled{8} \quad \frac{1}{2}x^2 - 4x = -6$$