Alg 1K Unit 13 Worksheet 1 name _____

1. $x^3 - 9x^2 + 20x = 0$

2. $5x - 2 = 3x^2$

3. $3x - 20 = -2x^2$

4. $-x^2 = -7x$

5. $x^5 - 29x^3 + 100x = 0$

6. $8x^4 - 18x^2 = 0$

7. $4x^3 = 16x$

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

9. $(3x-2)(2x+5) = 5x^2 + 5x - 18$

10. $x(2x-7) = (2x-1)^2$

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

12. $2x^6 - 100x^4 + 98x^2 = 0$

13. $4x = -x^2 - 4$

14. $5x^2 = 10x$

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