

1. $x = 1$.

2. $x_{1,2} = 3; x_{3,4} = 3 \pm 2\sqrt{5}$.

3. $x_1 = -1; x_2 = 0; x_3 = 1$.

4. $x_1 = 0; x_2 = -2; x_{3,4} = \frac{-2 \pm \sqrt{66}}{2}$.

5. $x_1 = a; x_2 = c; x_3 = b$.

6. $x_1 = \frac{1}{2}; x_2 = 2$.

7. Çözüm Yok.

8. $x_1 = 2a - 1; x_2 = 2 - a$.

9. $x = 12$.

10. $x_1 = \frac{1+128b}{128a}; x_2 = \frac{128+b}{a}$.

11. $x_1 = 0; x_2 = -5$.

12. $x = 1$.

13. $x_1 = 8; x_{2,3} = 8 \mp \frac{12\sqrt{21}}{7}$.

14. $x = 0$.

15. $x_1 = 1; x_2 = 2; x_3 = \frac{3}{2}$.

16. $x = 1$.

17. $x \in [0, 1]$.

18. $(2, 3), (3, 2), \left(\frac{-7 + \sqrt{73}}{2}, -\frac{7 + \sqrt{73}}{2} \right), \left(-\frac{7 + \sqrt{73}}{2}, \frac{-7 + \sqrt{73}}{2} \right)$.

19. $(-1, -2), (2, 1)$

20. $\left(-\frac{239}{146}, \frac{117}{146} \right), (1, 2)$

21. $x_{1,2} = \pm \sqrt{\frac{ac}{b}}, y = \pm \sqrt{\frac{ab}{c}}, z = \pm \sqrt{\frac{bc}{a}}$

22. $(3, 0, 5)$

23. $(3, -2), (-2, 3)$

24. $(a, 2a), (2a, a)$

25. $(5, 4)$

26. $(1, 1), (-1, -1), \left(\frac{3}{2}, \frac{2}{3} \right), \left(-\frac{3}{2}, -\frac{2}{3} \right)$

27. $a = -2, a = 1$

28. $p > 2, x_1 = \frac{-p+2}{5}, x_2 = p+2$

29. $p_1 = 1, q_1 = -6, p_2 = -1, q_2 = -6$