

The deadline for all homework assignments is the one specified in Archie before 11:59 pm. As discussed in class, It must be correctly uploaded in order to be graded. Show all your work and justifications.

For Exercises 25–34, find all the zeros.

25. $f(x) = x^3 - 7x^2 + 6x + 20$

28. $k(x) = 7x^3 - x^2 - 21x + 3$

31. $q(x) = x^3 - 4x^2 - 2x + 20$

34. $v(x) = x^4 - 12x^2 - 13$

26. $g(x) = x^3 - 7x^2 + 14x - 6$

29. $m(x) = 3x^4 - x^3 - 36x^2 + 60x - 16$

32. $p(x) = x^3 - 8x^2 + 29x - 52$

27. $h(x) = 5x^3 - x^2 - 35x + 7$

30. $n(x) = 2x^4 + 9x^3 - 5x^2 - 57x - 45$

33. $t(x) = x^4 - x^2 - 90$

$\pm\sqrt{10}, \pm 3i$