

Write a polynomial function of least degree that has the given zeros:

1.  $\frac{-3}{4}, 2, -3$       2.  $1, -6, 5i$       3.  $0, -1, 2, 5-\sqrt{2}$

4. If  $\sqrt{3}$  is a zero of  $f(x) = x^4 - 2x^3 + 7x^2 + 6x - 30$ , find the other zeros.