Finite differences

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Writing a polynomial function when given the x and y-intercepts...

The degree n of a polynomial

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Finding additional zeros for a polynomial:

Given: $1, -3 + \sqrt{5}$ Additional:

Given: -2, 4 + i Additional:

A polynomial function with rational coefficients has the following zeros. Find all additional zeros. -1, -2-i, 2i

$$-1$$
, $-2-i$, $2i$

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A polynomial function with rational coefficients has the following zeros. Find all additional zeros.

$$-3, -4, 3$$

A polynomial function with rational coefficients has the following zeros. Find all additional zeros.

$$-1$$
, $-3 + \sqrt{7}$, $3 - 2i$

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A polynomial function with rational coefficients has the following zeros. Find all additional zeros.

$$2 + 2i, -2 + \sqrt{}$$

Write a polynomial function of least degree with integral coefficients that has the given zeros. ζ

$$5, -4, 2$$

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Write a polynomial function of least degree with integral coefficients that has the given zeros: 2 mult. 3

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Write a polynomial function of least degree with integral coefficients that has the given zeros.

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$$5, \frac{4}{3}, -3, -2$$