

Find all roots of the following equations:

1) $f(x) = x^3 + x^2 - 4x - 4$

2) $f(x) = -4x^3 + 15x^2 - 8x - 3$

3) $f(x) = -2x^4 + 13x^3 - 21x^2 + 2x + 8$