

Algebra II Classwork 7.1-7.2

1. State all possible rational zeros for $6x^4 + 2x^3 + 2x - 3$
2. Find the rational zeros for $x^3 + x - 10$
3. Find all the zeros for $x^4 + x^3 - 8x^2 - 9x - 9$
4. Find the polynomial with roots of 1 (*mult. of 2*), and $\frac{2}{3}$
5. Find the polynomial with roots of $1 - 2i$, and 5
6. Find the polynomial with roots of $2 - 3i$, and $5 + 3\sqrt{2}$