

PRECAL HONORS

Name _____

2.6 – COMPLEX ZEROS

Find all complex zeros and their multiplicities.

1. $f(x) = x^3 - 4x^2 + 10x - 12$

2. $f(x) = 5x^3 + 15x^2 - 4x - 12$

3. $f(x) = 2x^4 - 5x^3 + 4x^2 - x$

4. $f(x) = 5x^4 - 31x^3 + 31x^2 - 5x$

5. $f(x) = 5x^4 - 3x^2 - 2$

6. $f(x) = 2x^5 - x^4 - 8x^3 + 4x^2$