

Homework

p. 374: 4, 5, 8, 17, 18

LISTING RATIONAL ZEROS List the possible rational zeros of the function using the rational zero theorem.

4. $g(x) = x^3 - 4x^2 + x - 10$

5. $f(x) = 2x^4 + 6x^3 - 7x + 9$

8. $f(x) = 3x^4 + 5x^3 - 3x + 42$

FINDING REAL ZEROS Find all real zeros of the function.

17. $f(x) = x^4 + 2x^3 - 9x^2 - 2x + 8$

18. $g(x) = x^4 - 16x^2 - 40x - 25$

***only need to find the *real* zeros