

## RATIONAL ZERO TEST

Using the rational zero test, list all possible rational zeros of the following functions.

A)  $f(x) = 2x^4 - 6x^2 + 5x - 15$

B)  $f(x) = 3x^5 - 6x^4 + 2x^2 - 6x + 12$

C)  $f(x) = 8x^3 - 2x + 24$

D)  $f(x) = 10x^3 - 15x^2 - 16x + 12$

E)  $f(x) = -6x^3 + 5x^2 - 2x + 18$

F)  $f(x) = 4x^4 - 16x^3 + 12x - 30$

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

H)  $f(x) = x^5 - 6x^4 + 12x^2 - 8x + 36$