Rational Functions

Name_____

S   A   N   Rational functions have vertical asymptotes for all values of x that make the denominator zero.

S   A   N

S   A   N   As x goes to infinity, the value of a rational function approaches a constant.

S   A   N

S   A   N   Rational functions do not have domains of all real numbers

S   A   N

S   A   N   A rational function never contains the value of a vertical asymptote in its domain.

S   A   N

S   A   N   A rational function never contains the value of a horizontal asymptote in its range.

S   A   N