Rational Expressions

A(n) _____ is a quotient of two polynomials.

Rational expressions are undefined for values of the variable that cause the _____ to equal zero.

A _____ f(x) is a function of the form r(x)= $\dfrac{f(x)}{g(x)}$

where f(x) and g(x) are _____ and g(x) ≠   .

The _____ of a rational function excludes all values for which the function is undefined.

A rational expression is said to be _____ if its numerator and denominator do not have any common factors.

Two expressions in the form of a-b and b-a are _____.

Simplifying Rational Expressions.

$$\frac{30}{84}$$
$$\frac{15x^4}{6x^7}$$

Simplify $\dfrac{(x-4)(x+6)}{(x+6)(x-1)(x-4)}.$

$\dfrac{x^2+11x+24}{x^2+4x-32}.$