



Homework:

Simplify each of the following rational expressions and state any restrictions on the variable:

1) $\frac{x+2}{x^2-4}$

2) $\frac{x^2-9}{x-3}$

3) $\frac{4x-8}{2x^2-8}$

4) $\frac{3x^2-6x}{x^3-4x^2+4x}$

5) $\frac{x^2+3x-10}{x^2-3x+2}$

6) $\frac{x^2-5x+6}{2x-6}$