

C11 - 6.2 - Restrictions Rationals WS

Determine the undefined values for x .

$$\frac{2}{x}$$

$$x \neq 0$$

$$\frac{3}{x-1}$$

$$x-1 \neq 0 \\ x \neq 1$$

$$\frac{4}{x}$$

$$\frac{2}{x-2}$$

$$\frac{x}{2}$$

$$\frac{8}{5x}$$

$$\frac{4}{2x+6}$$

$$\frac{x+2}{2x-4}$$

$$\frac{6x^2}{12x^3}$$

$$\frac{5}{2-x}$$

$$\frac{3}{x^2}$$

$$\frac{7}{(x-1)(x+2)}$$

$$\frac{x}{(x+4)(x-3)}$$

$$\frac{9}{(x-1)(x+1)}$$

$$\frac{4}{(x+2)^2}$$

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

$$\frac{3x+2}{x^2+9x-10}$$

$$\frac{4}{2x^2-3x-5}$$

$$\frac{9}{x^2+10x+25}$$

$$\frac{1}{x^2-1}$$

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

$$\frac{2x}{x^2-1}$$

$$\frac{7x}{4-x^2}$$

$$\frac{8}{x^2}$$

$$\frac{6}{x^2+4}$$