

# C11 - 7.6 - Reciprocal Restrictions Notes

Find the restrictions

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

Set denominator = 0, and solve.

$$x - 2 = 0$$

$$x = 2$$

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

Set denominator = 0, and solve.

$$2x^2 + 3x - 2 = (x+2)(2x-1)$$

$$x + 2 = 0$$

$$x = -2$$

$$2x - 1 = 0$$

$$x = \frac{1}{2}$$