

Solve and list the restrictions

$$\frac{5x - 2}{x + 1} = \frac{7}{2}$$

Solve and list the restrictions

$$\frac{5x-2}{x+1} = \frac{7}{2}$$

$$2(5x-2) = 7(x+1)$$

$$10x-4 = 7x+7$$

$-7x$ $-7x$

$$3x-4 = 7$$

$+4$ $+4$

$$3x = 11$$

$\frac{\quad}{3}$ $\frac{\quad}{3}$

$$x = \frac{11}{3}$$

Restrictions

$$x+1=0$$

$$x=-1$$