



Solve for x :

$$3 - \frac{x - 2}{4} = 4$$

$$\frac{2x - 3}{2} + \frac{x + 1}{3} = \frac{3x - 1}{2}$$

$$\frac{x - 3}{\frac{1}{2}} + \frac{2x - 1}{\frac{1}{2}} = 1$$

$$\frac{2x - 5}{(x + 2)(x - 4)} = \frac{1}{2(x - 4)}$$