

1. $x + 4/5 + x/2 \Rightarrow (\frac{x}{1} + \frac{4}{5} + \frac{x}{2}) = (\frac{x}{1} + \frac{x}{2} = -\frac{4}{5});$

2. Multiply both sides of the equation -- every term -- by the LCM of denominators. Every denominator will then cancel. We will then have an equation without fractions.

3. Multiply every term on both sides by 10:

$$10 \cdot \frac{x}{1} + 10 \cdot \frac{x}{2} = 10 \cdot (-\frac{4}{5})$$

4. Each denominator will now cancel into 10 - that is the point - and we have the following simple equation that has been "cleared" of fractions:

$$10x + 5x = -8$$

$$15x = -8$$

$$X = -\frac{8}{15}.$$