LINEAR EQUATIONS WITH FRACTIONS N°2

Watch the videos and then solve the equations following these steps:

- Clear fractions or decimals
- Start with the brackets and then continue with the parentheses.
- Combine like terms in each side.
- Reduce numbers and variables.
- Write your calculations on the blank space and your answer on the box.

https://www.youtube.com/watch?v=v5E84qZo6HA

https://www.youtube.com/watch?v=le_W77SmnRQ

Now solve for "x":

$a)\ \frac{x}{3} + 5x = 4(x + 4)$

First you need to multiply both sides of the equation by =

Now write the product and solve the equation in the box:

x =

$b)\ \frac{1}{4}x + \frac{2}{5} = \frac{1}{3}x - \frac{1}{2}$

First you need to multiply both sides of the equation by =

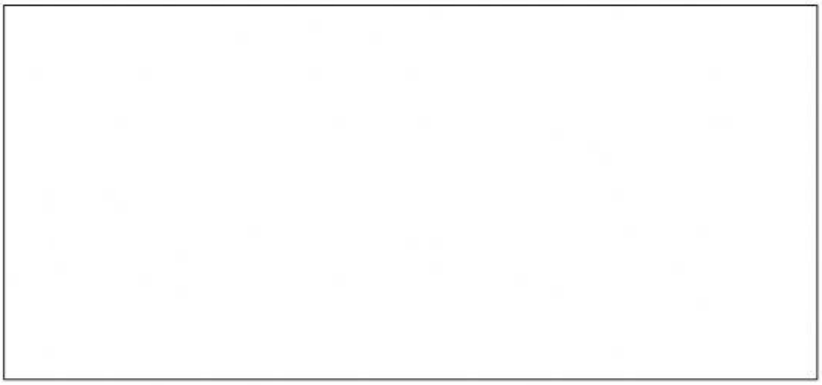
Now write the product and solve the equation in the box:

x =

$c)\ \frac{x}{3} + \frac{x}{5} - \frac{x}{2} = x - \frac{58}{15}$

First you need to multiply both sides of the equation by =

Now write the product and solve the equation in the box:

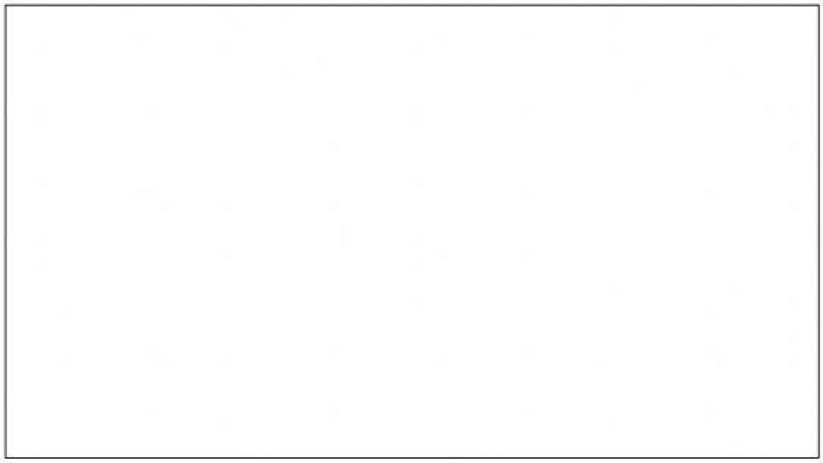


x =

$d) \dfrac{2+5(3-2x)}{x} = \dfrac{4}{3}$

First you need to multiply both sides of the equation by =

Now write the product and solve the equation in the box:

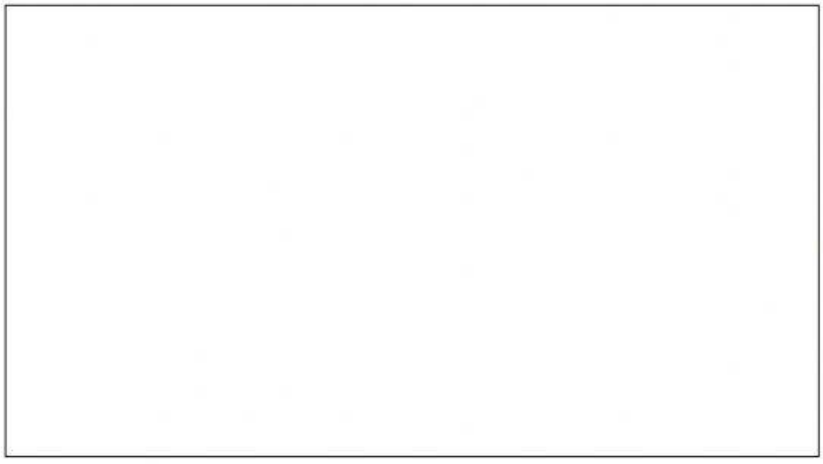


x =

$i) \dfrac{7}{2} - \dfrac{2x-1}{3} = 6 + \dfrac{x-3}{6}$

First you need to multiply both sides of the equation by =

Now write the product and solve the equation in the box:



x =

$f) \frac{5}{4}x - \frac{2}{9}x + \frac{7}{12}x = \frac{29}{9}$

First you need to multiply both sides of the equation by =

Now write the product and solve the equation in the box:

x =

$g) \left[\frac{1}{3}(x-4) + \frac{1}{4}\right] - \left[\frac{5(x+1)}{6} - 2\right] = 0$

First you need to multiply both sides of the equation by =

Now write the product and solve the equation in the box:

x =