

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 =

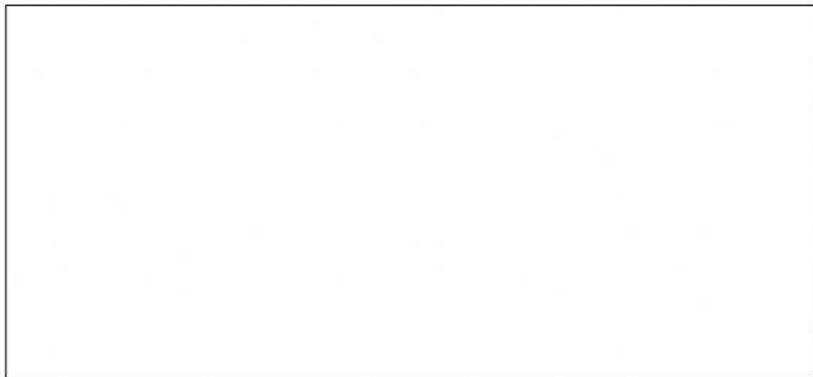
Now write the product and solve the equation in the box:

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:

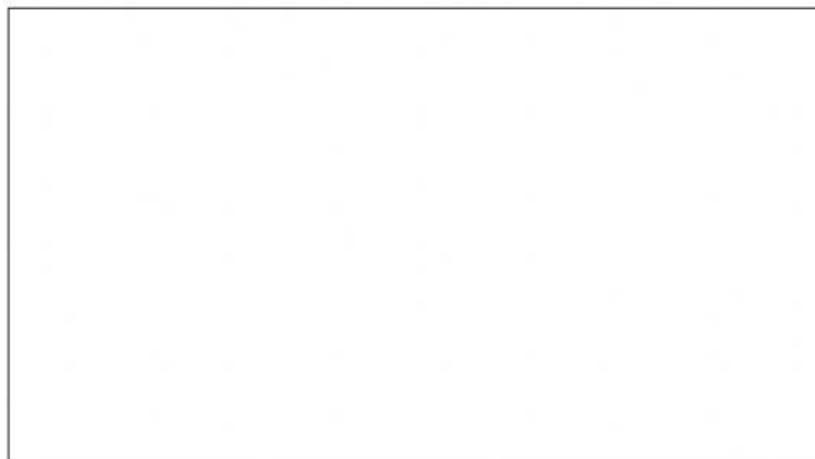


x =

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

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

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

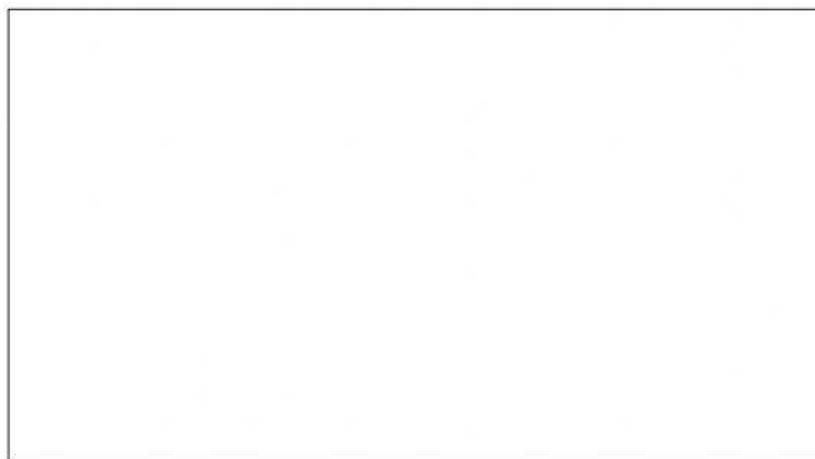


x =

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

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 =