

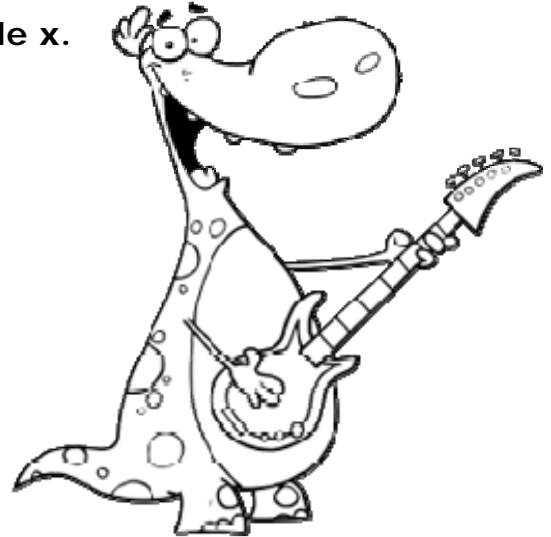
Name _____

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Explaining How to Solve Equations - Step-by-Step Lesson

Explain in detail how to solve for the variable x .

$$5x - 2 = 33$$



Explanation:

The first thing we need to do here is get all the variables on one side (in this case – the left side) and all the numbers on the other.

$$5x - 2 = 33$$

Add 2 to both sides.

$$5x = 33 + 2$$

After that, you have to add those two numbers. You should get this as a result:

$$5x = 35$$

This concluded the first step. What is left now is to get rid of the number next to the variable. We can do that by dividing the whole equation by the number 5.

$$\frac{5x}{5} = \frac{35}{5}$$

$$x = 7$$

