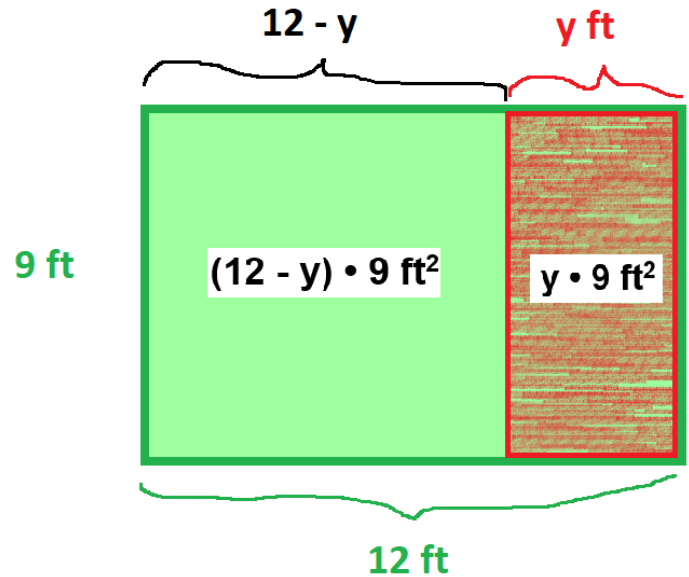


Luis created this drawing to show the area of Kiara’s new garden, when she decreases the length of her original garden by some unknown number of feet, y .

Luis also wrote the following equation to represent the area of Kiara’s new garden:

$$(12 - y) \cdot 9 = 12 \cdot 9 - y \cdot 9$$



Pick a value for y , draw a picture AND write a sentence in your own words that convinces you that Luis’s equation makes sense.

Decrease in length: _____

Drawing:

Sentence in your own words:

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