



Name _____

Date _____

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Subtracting Fractions
Word Problems
(4.NF.3.d)

Directions: Solve the following word problem using numbers, pictures (model drawings), and words. 😊

After selling some of her property to her sister, Marcia has $\frac{85}{100}$ left of her land to sell. How much property did her sister purchase? If her neighbor Lori purchases $\frac{47}{100}$ of the original property and her other neighbor Joe purchases $\frac{21}{100}$ of her property, how much does she have left to sell?



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Answer:

She started out with $100/100$ of her property. She had $85/100$ left after selling some to her sister. $100/100 - 85/100 = 15/100$. Marcia sold $15/100$ of her property to her sister.

Now her neighbor Lori is purchasing $47/100$ of the original property and the other neighbor Joe is purchasing $21/100$ of the property. You need to add what the neighbors purchased. If you add the numerators you get 68. The neighbors purchased $68/100$ of her property. If you subtract $68/100$ from the $85/100$ that she had left, you get $17/100$ of the property left.