

## Multi-Step Equations - Fractions and Decimals

- 1) Susan visits a grocery store. She places a few pounds of cucumber in her shopping cart. The carrots she picked weighed 2.3 pounds more than cucumber. She also bought cuts of flank steak that was four times the weight of carrots. If the total weight of all items was 35.5 pounds, how much did the cuts of flank steak weigh?

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- 2) A recipe calls for two and a half cups of water, some lemon extract and orange juice which is eight times that of the lemon extract to make orangeade. Kids use five times the amount mentioned in the recipe to make 35 orangeades. How much of each ingredient is required to prepare the orangeade?

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- 3) Michelle uses up 40.1 yards of wall fabric for the living room. For the portico, she uses 7.5 yards less than the amount used for the living room. For the kid's room, she uses three times the amount used for the portico. For the hall, she uses two times the amount used for the portico. How many yards of wall fabric did Michelle use in total?

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- 4) Leslie has a voucher that she can use to purchase a wallet. The voucher amounted to double the amount of the wallet. Leslie purchased a wallet that cost \$34.45 after the voucher was used. How much was Leslie billed for a total of?

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- 5) The perimeter of a pool table is 368.4 inches. The length of the table is twice of three more than its width. Find the length of the table.

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