## Solve each problem.

1) A new washing machine used $3 / 4$ gallons of water per full load to clean clothes. If Paul washed $3 \frac{1}{3}$ loads of clothes, how many gallons of water would be used?
2) A package of paper weighs $1 \frac{2}{3}$ ounces. If Jerry put $1 / \frac{2}{5}$ packages of paper on a scale, how much would they weigh?
3) Maria needed a piece of string to be exactly $1 / 3$ feet long. If the string she has is $1 \frac{1}{4}$ times as long as it should be, how long is the string?
4) A bottle of sugar syrup soda had $3 \frac{1}{2}$ grams of sugar in it. If Will drank 2 full bottles and $1 / 3$ of a bottle, how many grams of sugar did he drink?
5) A batch of chicken required $21 / 5$ cups of flour. If a fast food restaurant was making $3 / 5$ batches, how much flour would they need?
6) Vanessa had 2 full cement blocks and one that was $3 / 4$ the normal size. If each full block weighed $2 / 5$ pounds, what is the weight of the blocks Vanessa has?
7) A bottle of home-made cleaning solution took $2 \frac{3}{4}$ milliliters of lemon juice. If Olivia wanted to make $23 / 5$ bottles, how many milliliters of lemon juice would she need?
8) An old road was $3 / 4$ miles long. After a renovation it was $3 / 3$ times as long. How long was the road after the renovation?
9) John had a lump of silly putty that was $1 \frac{2}{4}$ inches long. If he stretched it out to $3 \frac{1}{2}$ times its current length how long would it be?
10) Rachel can read $3 / 5$ pages of a book in a minute. If she read for $3 / 4$ minutes, how much would she have read?
11) A single box of thumb tacks weighed $1 \frac{2}{3}$ ounces. If a teacher had $3 / 3$ boxes, how much would their combined weight be?
12) A bag of strawberry candy takes $2 \frac{1}{5}$ ounces of strawberries to make. If you have $2 \frac{2}{4}$ bags, how many ounces of strawberries did it take to make them?

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Answers

| $2 / 12$ | $8^{1} / 6$ | $7^{3} / 20$ | $12^{10} / 12$ | $6^{12} / 20$ |
| :--- | :--- | :--- | :--- | :--- |
| $8^{9} / 25$ | $5^{2} / 8$ | $11^{14} / 20$ | $2^{5} / 15$ | $10^{10} / 12$ |

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