



Solve each problem. Write the answer as a mixed number fraction (if possible).

Answers

- 1) A new washing machine used $3\frac{1}{3}$ gallons of water per full load to clean clothes. If Henry washed $2\frac{1}{2}$ loads of clothes, how many gallons of water would be used?
- 2) Lana can read $3\frac{2}{5}$ pages of a book in a minute. If she read for $1\frac{1}{3}$ minutes, how much would she have read?
- 3) An old road was $2\frac{1}{2}$ miles long. After a renovation it was $3\frac{1}{2}$ times as long. How long was the road after the renovation?
- 4) A bag of strawberry candy takes $1\frac{1}{2}$ ounces of strawberries to make. If you have $3\frac{1}{2}$ bags, how many ounces of strawberries did it take to make them?
- 5) A baby frog weighed $2\frac{2}{4}$ ounces. After a month it was $2\frac{1}{3}$ times as heavy, how much did the frog weigh after a month?
- 6) Nancy needed a piece of string to be exactly $1\frac{1}{2}$ feet long. If the string she has is $3\frac{1}{5}$ times as long as it should be, how long is the string?
- 7) A bottle of home-made cleaning solution took $2\frac{3}{4}$ milliliters of lemon juice. If Robin wanted to make $2\frac{1}{3}$ bottles, how many milliliters of lemon juice would she need?
- 8) A doctor told his patient to drink 3 full cups and $\frac{3}{5}$ of a cup of medicine over a week. If each full cup was $2\frac{1}{3}$ pints, how much is he going to drink over the week?
- 9) Edward had a lump of silly putty that was $2\frac{3}{5}$ inches long. If he stretched it out to $2\frac{2}{3}$ times its current length how long would it be?
- 10) A bottle of sugar syrup soda had $1\frac{1}{2}$ grams of sugar in it. If Roger drank 2 full bottles and $\frac{1}{3}$ of a bottle, how many grams of sugar did he drink?
- 11) A batch of chicken required $2\frac{1}{2}$ cups of flour. If a fast food restaurant was making $1\frac{1}{5}$ batches, how much flour would they need?
- 12) A package of paper weighs $2\frac{2}{3}$ ounces. If Tom put $3\frac{2}{3}$ packages of paper on a scale, how much would they weigh?

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Answers

1. $8\frac{2}{6}$
2. $4\frac{8}{15}$
3. $8\frac{3}{4}$
4. $5\frac{1}{4}$
5. $5\frac{10}{12}$
6. $4\frac{8}{10}$
7. $6\frac{5}{12}$
8. $8\frac{6}{15}$
9. $6\frac{14}{15}$
10. $3\frac{3}{6}$
11. $3\frac{0}{10}$
12. $9\frac{7}{9}$



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$5\frac{1}{4}$	$4\frac{8}{15}$	$3\frac{3}{6}$	$4\frac{8}{10}$	$6\frac{14}{15}$
$5\frac{10}{12}$	$8\frac{2}{6}$	$8\frac{6}{15}$	$6\frac{5}{12}$	$8\frac{3}{4}$

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