



Solve each problem.

**Answers**

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

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**Answers**

1.  $12\frac{2}{9}$
2.  $3\frac{10}{20}$
3.  $8\frac{3}{4}$
4.  $3\frac{1}{9}$
5.  $6\frac{1}{8}$
6.  $3\frac{3}{20}$
7.  $3\frac{15}{16}$
8.  $3\frac{3}{4}$
9.  $5\frac{8}{25}$
10.  $2\frac{14}{15}$
11.  $5\frac{5}{6}$
12.  $3\frac{2}{6}$



Solve each problem.

**Answers**

$8\frac{3}{4}$

$6\frac{1}{8}$

$2\frac{14}{15}$

$3\frac{15}{16}$

$3\frac{1}{9}$

$3\frac{3}{20}$

$3\frac{10}{20}$

$12\frac{2}{9}$

$5\frac{8}{25}$

$3\frac{3}{4}$

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