



Solve each problem.

**Answers**

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

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**Answers**

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



Solve each problem.

**Answers**

$6\frac{1}{4}$

$5\frac{5}{20}$

$3\frac{12}{16}$

$8\frac{1}{6}$

$10\frac{2}{15}$

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