



Solve each problem.

**Answers**

- 1) A bottle of sugar syrup soda had  $3\frac{1}{3}$  grams of sugar in it. If Dave drank 1 full bottles and  $\frac{3}{4}$  of a bottle, how many grams of sugar did he drink?
- 2) A single box of thumb tacks weighed  $2\frac{3}{4}$  ounces. If a teacher had  $3\frac{1}{3}$  boxes, how much would their combined weight be?
- 3) Oliver had a lump of silly putty that was  $1\frac{1}{2}$  inches long. If he stretched it out to  $3\frac{1}{3}$  times its current length how long would it be?
- 4) A bottle of home-made cleaning solution took  $3\frac{3}{5}$  milliliters of lemon juice. If Vanessa wanted to make  $3\frac{1}{2}$  bottles, how many milliliters of lemon juice would she need?
- 5) A new washing machine used  $3\frac{2}{4}$  gallons of water per full load to clean clothes. If Mike washed  $2\frac{3}{4}$  loads of clothes, how many gallons of water would be used?
- 6) Bianca needed a piece of string to be exactly  $2\frac{1}{2}$  feet long. If the string she has is  $2\frac{1}{4}$  times as long as it should be, how long is the string?
- 7) A package of paper weighs  $2\frac{1}{2}$  ounces. If George put  $3\frac{4}{5}$  packages of paper on a scale, how much would they weigh?
- 8) A batch of chicken required  $3\frac{2}{5}$  cups of flour. If a fast food restaurant was making  $2\frac{4}{5}$  batches, how much flour would they need?
- 9) An old road was  $2\frac{2}{4}$  miles long. After a renovation it was  $1\frac{2}{4}$  times as long. How long was the road after the renovation?
- 10) A doctor told his patient to drink 1 full cups and  $\frac{1}{3}$  of a cup of medicine over a week. If each full cup was  $1\frac{3}{5}$  pints, how much is he going to drink over the week?
- 11) A baby frog weighed  $2\frac{1}{4}$  ounces. After a month it was  $2\frac{2}{3}$  times as heavy, how much did the frog weigh after a month?
- 12) Debby had 3 full cement blocks and one that was  $\frac{1}{2}$  the normal size. If each full block weighed  $3\frac{1}{3}$  pounds, what is the weight of the blocks Debby has?

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**Answers**

1.  $5\frac{10}{12}$
2.  $9\frac{2}{12}$
3.  $5\frac{0}{6}$
4.  $12\frac{6}{10}$
5.  $9\frac{10}{16}$
6.  $5\frac{5}{8}$
7.  $9\frac{5}{10}$
8.  $9\frac{13}{25}$
9.  $3\frac{12}{16}$
10.  $2\frac{2}{15}$
11.  $6\frac{0}{12}$
12.  $11\frac{4}{6}$



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$9\frac{5}{10}$	$5\frac{5}{8}$	$3\frac{12}{16}$	$12\frac{6}{10}$	$5\frac{10}{12}$
$9\frac{13}{25}$	$2\frac{2}{15}$	$9\frac{10}{16}$	$9\frac{2}{12}$	$5\frac{0}{6}$

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