



Solve each problem.

**Answers**

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

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**Answers**

- 1) A single box of thumb tacks weighed  $2\frac{1}{2}$  ounces. If a teacher had  $1\frac{2}{3}$  boxes, how much would their combined weight be?  
1.  $4\frac{1}{6}$
- 2) A bottle of sugar syrup soda had  $2\frac{2}{3}$  grams of sugar in it. If Oliver drank 1 full bottles and  $\frac{1}{2}$  of a bottle, how many grams of sugar did he drink?  
2.  $4\frac{0}{6}$
- 3) A package of paper weighs  $2\frac{1}{2}$  ounces. If Billy put  $3\frac{2}{3}$  packages of paper on a scale, how much would they weigh?  
3.  $9\frac{1}{6}$
- 4) A package of paper weighs  $2\frac{1}{2}$  ounces. If Billy put  $3\frac{2}{3}$  packages of paper on a scale, how much would they weigh?  
4.  $5\frac{5}{8}$
- 5) An old road was  $3\frac{3}{4}$  miles long. After a renovation it was  $1\frac{1}{2}$  times as long. How long was the road after the renovation?  
5.  $3\frac{3}{6}$
- 6) A doctor told his patient to drink 2 full cups and  $\frac{1}{3}$  of a cup of medicine over a week. If each full cup was  $1\frac{1}{2}$  pints, how much is he going to drink over the week?  
6.  $3\frac{2}{6}$
- 7) A doctor told his patient to drink 2 full cups and  $\frac{1}{3}$  of a cup of medicine over a week. If each full cup was  $1\frac{1}{2}$  pints, how much is he going to drink over the week?  
7.  $9\frac{0}{10}$
- 8) Haley had 1 full cement blocks and one that was  $\frac{1}{3}$  the normal size. If each full block weighed  $2\frac{1}{2}$  pounds, what is the weight of the blocks Haley has?  
8.  $6\frac{14}{16}$
- 9) A new washing machine used  $3\frac{3}{5}$  gallons of water per full load to clean clothes. If Adam washed  $2\frac{1}{2}$  loads of clothes, how many gallons of water would be used?  
9.  $8\frac{0}{15}$
- 10) A baby frog weighed  $2\frac{2}{4}$  ounces. After a month it was  $2\frac{3}{4}$  times as heavy, how much did the frog weigh after a month?  
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- 11) A bag of strawberry candy takes  $2\frac{2}{5}$  ounces of strawberries to make. If you have  $3\frac{1}{3}$  bags, how many ounces of strawberries did it take to make them?  
11.  $9\frac{8}{10}$
- 12) Henry had a lump of silly putty that was  $2\frac{4}{5}$  inches long. If he stretched it out to  $1\frac{3}{5}$  times its current length how long would it be?  
12.  $4\frac{12}{25}$



Solve each problem.

**Answers**

$3\frac{2}{6}$

$9\frac{0}{10}$

$3\frac{3}{15}$

$4\frac{0}{6}$

$3\frac{3}{6}$

$9\frac{1}{6}$

$8\frac{0}{15}$

$6\frac{14}{16}$

$4\frac{1}{6}$

$5\frac{5}{8}$

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