



Solve each problem.

**Answers**

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

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Solve each problem.

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

**Answers**

1.  $6\frac{0}{20}$
2.  $4\frac{4}{25}$
3.  $2\frac{3}{6}$
4.  $2\frac{4}{10}$
5.  $4\frac{7}{8}$
6.  $9\frac{5}{8}$
7.  $4\frac{3}{15}$
8.  $1\frac{15}{20}$
9.  $2\frac{3}{6}$
10.  $4\frac{10}{20}$
11.  $8\frac{2}{6}$
12.  $11\frac{4}{6}$



Solve each problem.

$4\frac{4}{25}$	$9\frac{5}{8}$	$2\frac{3}{6}$	$2\frac{4}{10}$	$4\frac{10}{20}$
$1\frac{15}{20}$	$6\frac{0}{20}$	$2\frac{3}{6}$	$4\frac{7}{8}$	$4\frac{3}{15}$

**Answers**

- 1) A doctor told his patient to drink 2 full cups and  $\frac{2}{4}$  of a cup of medicine over a week. If each full cup was  $2\frac{2}{5}$  pints, how much is he going to drink over the week?
- 2) A bottle of sugar syrup soda had  $2\frac{3}{5}$  grams of sugar in it. If George drank 1 full bottles and  $\frac{3}{5}$  of a bottle, how many grams of sugar did he drink?
- 3) Rachel needed a piece of string to be exactly  $1\frac{1}{2}$  feet long. If the string she has is  $1\frac{2}{3}$  times as long as it should be, how long is the string?
- 4) An old road was  $1\frac{3}{5}$  miles long. After a renovation it was  $1\frac{1}{2}$  times as long. How long was the road after the renovation?
- 5) Oliver had a lump of silly putty that was  $1\frac{1}{2}$  inches long. If he stretched it out to  $3\frac{1}{4}$  times its current length how long would it be?
- 6) A baby frog weighed  $2\frac{3}{4}$  ounces. After a month it was  $3\frac{1}{2}$  times as heavy, how much did the frog weigh after a month?
- 7) A package of paper weighs  $2\frac{1}{3}$  ounces. If Jerry put  $1\frac{4}{5}$  packages of paper on a scale, how much would they weigh?
- 8) A new washing machine used  $1\frac{2}{5}$  gallons of water per full load to clean clothes. If Mike washed  $1\frac{1}{4}$  loads of clothes, how many gallons of water would be used?
- 9) Emily can read  $1\frac{1}{2}$  pages of a book in a minute. If she read for  $1\frac{2}{3}$  minutes, how much would she have read?
- 10) A batch of chicken required  $1\frac{1}{4}$  cups of flour. If a fast food restaurant was making  $3\frac{3}{5}$  batches, how much flour would they need?

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Solve each problem.

**Answers**

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

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Solve each problem.

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

**Answers**

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



Solve each problem.

**Answers**

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

- 1) A new washing machine used  $3\frac{1}{4}$  gallons of water per full load to clean clothes. If Paul washed  $3\frac{1}{3}$  loads of clothes, how many gallons of water would be used?
- 2) A package of paper weighs  $1\frac{2}{3}$  ounces. If Jerry put  $1\frac{2}{5}$  packages of paper on a scale, how much would they weigh?
- 3) Maria needed a piece of string to be exactly  $1\frac{2}{3}$  feet long. If the string she has is  $1\frac{1}{4}$  times as long as it should be, how long is the string?
- 4) A bottle of sugar syrup soda had  $3\frac{1}{2}$  grams of sugar in it. If Will drank 2 full bottles and  $\frac{1}{3}$  of a bottle, how many grams of sugar did he drink?
- 5) A batch of chicken required  $2\frac{1}{5}$  cups of flour. If a fast food restaurant was making  $3\frac{4}{5}$  batches, how much flour would they need?
- 6) Vanessa had 2 full cement blocks and one that was  $\frac{3}{4}$  the normal size. If each full block weighed  $2\frac{2}{5}$  pounds, what is the weight of the blocks Vanessa has?
- 7) A bottle of home-made cleaning solution took  $2\frac{3}{4}$  milliliters of lemon juice. If Olivia wanted to make  $2\frac{3}{5}$  bottles, how many milliliters of lemon juice would she need?
- 8) An old road was  $3\frac{2}{4}$  miles long. After a renovation it was  $3\frac{2}{3}$  times as long. How long was the road after the renovation?
- 9) John had a lump of silly putty that was  $1\frac{2}{4}$  inches long. If he stretched it out to  $3\frac{1}{2}$  times its current length how long would it be?
- 10) Rachel can read  $3\frac{3}{5}$  pages of a book in a minute. If she read for  $3\frac{1}{4}$  minutes, how much would she have read?

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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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Solve each problem.

- 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?

Answers

1.  $4\frac{1}{6}$
2.  $4\frac{0}{6}$
3.  $9\frac{1}{6}$
4.  $5\frac{5}{8}$
5.  $3\frac{3}{6}$
6.  $3\frac{2}{6}$
7.  $9\frac{0}{10}$
8.  $6\frac{14}{16}$
9.  $8\frac{0}{15}$
10.  $3\frac{3}{15}$
11.  $9\frac{8}{10}$
12.  $4\frac{12}{25}$





Solve each problem.

**Answers**

$3\frac{2}{6}$

$9\frac{0}{10}$

$3\frac{3}{15}$

$4\frac{0}{6}$

$3\frac{3}{6}$

$9\frac{1}{6}$

$8\frac{0}{15}$

$6\frac{14}{16}$

$4\frac{1}{6}$

$5\frac{5}{8}$

- 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?

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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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12. \_\_\_\_\_



Solve each problem.

- 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?

**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**

$6\frac{1}{4}$

$5\frac{5}{20}$

$3\frac{12}{16}$

$8\frac{1}{6}$

$10\frac{2}{15}$

$5\frac{7}{10}$

$5\frac{1}{4}$

$4\frac{1}{6}$

$7\frac{14}{16}$

$8\frac{8}{9}$

- 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?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

**Answers**

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Solve each problem.

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

**Answers**

1.            $5\frac{0}{6}$
2.            $3\frac{0}{20}$
3.            $2\frac{3}{6}$
4.            $8\frac{6}{15}$
5.            $2\frac{1}{10}$
6.            $3\frac{5}{9}$
7.            $3\frac{9}{10}$
8.            $9\frac{7}{20}$
9.            $4\frac{1}{12}$
10.            $4\frac{3}{8}$
11.            $11\frac{2}{10}$
12.            $3\frac{3}{6}$



Solve each problem.

**Answers**

$2\frac{1}{10}$	$3\frac{0}{20}$	$5\frac{0}{6}$	$3\frac{9}{10}$	$3\frac{5}{9}$
$2\frac{3}{6}$	$9\frac{7}{20}$	$4\frac{1}{12}$	$4\frac{3}{8}$	$8\frac{6}{15}$

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

**Answers**

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

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_





Solve each problem.

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

**Answers**

1.  $9\frac{8}{15}$
2.  $3\frac{6}{16}$
3.  $1\frac{23}{25}$
4.  $10\frac{8}{20}$
5.  $9\frac{13}{25}$
6.  $10\frac{0}{12}$
7.  $6\frac{0}{15}$
8.  $7\frac{7}{15}$
9.  $4\frac{11}{20}$
10.  $1\frac{8}{10}$
11.  $2\frac{5}{15}$
12.  $3\frac{6}{8}$



Solve each problem.

$10\frac{8}{20}$	$1\frac{8}{10}$	$6\frac{0}{15}$	$10\frac{0}{12}$	$9\frac{13}{25}$
$4\frac{11}{20}$	$9\frac{8}{15}$	$7\frac{7}{15}$	$1\frac{23}{25}$	$3\frac{6}{16}$

**Answers**

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

**Answers**

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Solve each problem.

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

**Answers**

1.  $2\frac{3}{16}$
2.  $6\frac{1}{4}$
3.  $6\frac{1}{20}$
4.  $5\frac{12}{20}$
5.  $6\frac{1}{15}$
6.  $3\frac{0}{10}$
7.  $11\frac{3}{8}$
8.  $6\frac{5}{12}$
9.  $4\frac{3}{8}$
10.  $2\frac{13}{16}$
11.  $4\frac{1}{8}$
12.  $10\frac{10}{15}$



Solve each problem.

**Answers**

$5^{12}/_{20}$

$2^3/_{16}$

$6^1/_4$

$3^0/_{10}$

$2^{13}/_{16}$

$6^1/_{15}$

$11^3/_8$

$6^1/_{20}$

$4^3/_8$

$6^5/_{12}$

- 1) A bottle of sugar syrup soda had  $1\frac{3}{4}$  grams of sugar in it. If Henry drank 1 full bottles and  $\frac{1}{4}$  of a bottle, how many grams of sugar did he drink?
- 2) A baby frog weighed  $2\frac{1}{2}$  ounces. After a month it was  $2\frac{1}{2}$  times as heavy, how much did the frog weigh after a month?
- 3) Bianca needed a piece of string to be exactly  $2\frac{3}{4}$  feet long. If the string she has is  $2\frac{1}{5}$  times as long as it should be, how long is the string?
- 4) A new washing machine used  $3\frac{1}{5}$  gallons of water per full load to clean clothes. If Kaleb washed  $1\frac{3}{4}$  loads of clothes, how many gallons of water would be used?
- 5) Adam had a lump of silly putty that was  $2\frac{3}{5}$  inches long. If he stretched it out to  $2\frac{1}{3}$  times its current length how long would it be?
- 6) A package of paper weighs  $1\frac{1}{5}$  ounces. If Frank put  $2\frac{1}{2}$  packages of paper on a scale, how much would they weigh?
- 7) A batch of chicken required  $3\frac{1}{2}$  cups of flour. If a fast food restaurant was making  $3\frac{1}{4}$  batches, how much flour would they need?
- 8) Amy had 2 full cement blocks and one that was  $\frac{1}{3}$  the normal size. If each full block weighed  $2\frac{3}{4}$  pounds, what is the weight of the blocks Amy has?
- 9) Vanessa can read  $2\frac{1}{2}$  pages of a book in a minute. If she read for  $1\frac{3}{4}$  minutes, how much would she have read?
- 10) A bag of strawberry candy takes  $2\frac{1}{4}$  ounces of strawberries to make. If you have  $1\frac{1}{4}$  bags, how many ounces of strawberries did it take to make them?

1. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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?

1. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Solve each problem.

- 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?

**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.  $11\frac{4}{6}$



Solve each problem.

**Answers**

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

- 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?

1. \_\_\_\_\_
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4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_





Solve each problem.

**Answers**

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

1. \_\_\_\_\_
2. \_\_\_\_\_
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4. \_\_\_\_\_
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6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Solve each problem.

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

**Answers**

1.  $5\frac{5}{8}$
2.  $10\frac{10}{15}$
3.  $3\frac{6}{10}$
4.  $9\frac{13}{25}$
5.  $2\frac{4}{10}$
6.  $4\frac{4}{20}$
7.  $3\frac{6}{8}$
8.  $1\frac{8}{12}$
9.  $10\frac{9}{16}$
10.  $2\frac{14}{20}$
11.  $6\frac{0}{10}$
12.  $6\frac{15}{20}$



Solve each problem.

**Answers**

$5\frac{5}{8}$

$1\frac{8}{12}$

$9\frac{13}{25}$

$2\frac{14}{20}$

$10\frac{10}{15}$

$3\frac{6}{8}$

$10\frac{9}{16}$

$4\frac{4}{20}$

$2\frac{4}{10}$

$3\frac{6}{10}$

- 1) A baby frog weighed  $2\frac{1}{2}$  ounces. After a month it was  $2\frac{1}{4}$  times as heavy, how much did the frog weigh after a month?
- 2) A bottle of home-made cleaning solution took  $3\frac{1}{3}$  milliliters of lemon juice. If Nancy wanted to make  $3\frac{1}{5}$  bottles, how many milliliters of lemon juice would she need?
- 3) An old road was  $1\frac{1}{2}$  miles long. After a renovation it was  $2\frac{2}{5}$  times as long. How long was the road after the renovation?
- 4) Carol had 2 full cement blocks and one that was  $\frac{4}{5}$  the normal size. If each full block weighed  $3\frac{2}{5}$  pounds, what is the weight of the blocks Carol has?
- 5) George had a lump of silly putty that was  $1\frac{1}{2}$  inches long. If he stretched it out to  $1\frac{3}{5}$  times its current length how long would it be?
- 6) A bag of strawberry candy takes  $2\frac{2}{5}$  ounces of strawberries to make. If you have  $1\frac{3}{4}$  bags, how many ounces of strawberries did it take to make them?
- 7) A package of paper weighs  $1\frac{1}{2}$  ounces. If Oliver put  $2\frac{2}{4}$  packages of paper on a scale, how much would they weigh?
- 8) Emily needed a piece of string to be exactly  $1\frac{1}{4}$  feet long. If the string she has is  $1\frac{1}{3}$  times as long as it should be, how long is the string?
- 9) Debby can read  $3\frac{1}{4}$  pages of a book in a minute. If she read for  $3\frac{1}{4}$  minutes, how much would she have read?
- 10) A batch of chicken required  $1\frac{1}{5}$  cups of flour. If a fast food restaurant was making  $2\frac{1}{4}$  batches, how much flour would they need?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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?

1. \_\_\_\_\_
2. \_\_\_\_\_
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4. \_\_\_\_\_
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6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Solve each problem.

- 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?

**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**

$8\frac{3}{4}$

$6\frac{1}{8}$

$2\frac{14}{15}$

$3\frac{15}{16}$

$3\frac{1}{9}$

$3\frac{3}{20}$

$3\frac{10}{20}$

$12\frac{2}{9}$

$5\frac{8}{25}$

$3\frac{3}{4}$

- 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?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
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