Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) Robin needed $3 \frac{2}{3}$ feet of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?

2) A single box of thumb tacks weighed $3 \frac{1}{2}$ ounces. If a teacher had $4 \frac{1}{2}$ boxes, how much would their combined weight be?

3) Chloe collected 4 times as many bags of cans as her friend. If her friend collected $\frac{1}{6}$ of a bag, how much did Chloe collect?

4) At the malt shop a large chocolate shake takes $\frac{5}{9}$ of a pint of milk. If the medium shake takes $\frac{1}{7}$ the amount of a large, how much does the medium shake take?

5) A bottle of soda had $4 \frac{2}{7}$ of the daily recommended sugar. If you were to drink $\frac{1}{2}$ of the bottle, how much of the daily recommend sugar would you have drank?

6) A soda shop owner told his employee to add 2 full cups and $\frac{1}{5}$ of a cup of syrup to each gallon of soda. If there were 4 gallons of soda, how much syrup would be needed?

7) Adam had a lump of silly putty that was $4 \frac{5}{6}$ inches long. If he stretched it out to $2 \frac{2}{3}$ times its current length how long would it be?

8) A musician's hair was originally 3 inches long. She asked her hair dresser to cut $\frac{5}{6}$ of it off. How many inches did she have cut off?

9) After a party there was $\frac{1}{2}$ of a pizza leftover. If the George gave $\frac{1}{2}$ of the leftover to Olivia, what fraction of the pizza did he give to her?

10) A geologist had two rocks on a scale that weighed $2 \frac{1}{2}$ lbs together. Rock A was $\frac{1}{7}$ of the total weight. How much did rock A weigh?

11) A air freshener used $3 \frac{3}{4}$ milliliters of perfume. If Wendy wanted to make 3 air fresheners, how many milliliters of perfume would she use?

12) A batch of chicken required $3 \frac{1}{2}$ cups of flour. If a fast food restaurant was making $4 \frac{3}{7}$ batches, how much flour would they need?
Solve each problem. Write your answer as a mixed number (if possible).

1) Robin needed \( 3 \frac{2}{3} \) feet of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?

2) A single box of thumb tacks weighed 3 \( \frac{1}{2} \) ounces. If a teacher had 4 \( \frac{1}{2} \) boxes, how much would their combined weight be?

3) Chloe collected 4 times as many bags of cans as her friend. If her friend collected \( \frac{1}{6} \) of a bag, how much did Chloe collect?

4) At the malt shop a large chocolate shake takes \( \frac{8}{9} \) of a pint of milk. If the medium shake takes \( \frac{1}{7} \) the amount of a large, how much does the medium shake take?

5) A bottle of soda had \( 4 \frac{2}{7} \) of the daily recommended sugar. If you were to drink \( \frac{1}{2} \) of the bottle, how much of the daily recommend sugar would you have drank?

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Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) An adult turtle weighed $3 \frac{3}{4}$ ounces. How much would 3 adult turtles weigh?

2) A new washing machine used $3 \frac{7}{8}$ gallons of water per full load to clean clothes. If John washed $2 \frac{2}{3}$ loads of clothes, how many gallons of water would be used?

3) On Halloween 4 friends each received $\frac{4}{5}$ of a pound of candy. How much candy did they receive total?

4) On Monday Ned picked up $\frac{3}{6}$ of a pound of cans to recycle. On Tuesday he picked up $\frac{3}{4}$ that amount. How many pounds did Ned pick up on Tuesday?

5) An old wooden post was $4 \frac{3}{5}$ feet long. If you were to cut off $\frac{1}{6}$ of it, how much would you have cut off?

6) A restaurant had 2 full boxes of spoons and $\frac{5}{8}$ of a box. If each full box weighed 3 kilograms, what is the combined weight of the boxes the restaurant has?

7) A batch of chicken required $2 \frac{1}{2}$ cups of flour. If a fast food restaurant was making $4 \frac{1}{3}$ batches, how much flour would they need?

8) A water pitcher could hold $\frac{1}{2}$ of a gallon of water. If Paul filled up 4 pitchers, how much water would he have?

9) Will picked $\frac{7}{4}$ a pound of apples, but $\frac{2}{3}$ of them were bad. Of the apples Will picked, how many pounds were bad?

10) A full tub of water weighed $3 \frac{1}{8}$ pounds. If the tub were filled up only $\frac{7}{16}$ full, how much would it weigh?

11) A box of pencils weighed $4 \frac{7}{5}$ ounces. If a principal ordered 3 boxes, how much would they weigh?

12) A bottle of home-made cleaning solution took $2 \frac{1}{5}$ milliliters of lemon juice. If Megan wanted to make $2 \frac{1}{4}$ bottles, how many milliliters of lemon juice would she need?

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<th>Answers</th>
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<td>2. 9 4/12</td>
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**Fraction Word Problems**

Solve each problem. Write your answer as a mixed number (if possible).

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<tbody>
<tr>
<td>1</td>
<td>A taco recipe called for 3 ( \frac{1}{5} ) cups of meat per taco. If Isabel wanted to make 4 tacos, how much meat would she need?</td>
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<td>2</td>
<td>A package of paper weighs 3 ( \frac{4}{6} ) ounces. If Edward put 3 ( \frac{1}{2} ) packages of paper on a scale, how much would they weigh?</td>
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<td>A farmer gives each of his horses ( \frac{1}{2} ) of a salt lick a month. If he has 2 horses, how many salt licks does he use a month?</td>
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<td>Oliver lived 3 miles from his school. If he rode his bike ( \frac{1}{2} ) of the distance and then walked the rest, how far did he ride his bike?</td>
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<td>9</td>
<td>For a fundraiser Adam sold ( \frac{2}{6} ) of a box of candy. If Faye sold ( \frac{1}{4} ) the amount Adam sold, what fraction did Faye sell?</td>
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<td>A box of markers weighed 2 ( \frac{5}{9} ) ounces. If a teacher took out ( \frac{1}{6} ) of the markers, what is the weight of the markers she took out?</td>
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<td>A glass of lemonade took 3 ( \frac{5}{9} ) scoops of sugar to make. If you wanted to make 3 glasses, how many scoops of sugar would you need?</td>
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Solve each problem. Write your answer as a mixed number (if possible).

1) A taco recipe called for \(3 \frac{1}{5}\) cups of meat per taco. If Isabel wanted to make 4 tacos, how much meat would she need?

2) A package of paper weighs \(3 \frac{4}{6}\) ounces. If Edward put \(3 \frac{1}{2}\) packages of paper on a scale, how much would they weigh?

3) A farmer gives each of his horses \(\frac{1}{2}\) of a salt lick a month. If he has 2 horses, how many salt licks does he use a month?

4) At the zoo the polar bears are fed \(\frac{7}{6}\) bucket of fish a day. The penguins are fed \(\frac{4}{7}\) that amount. What fraction are the penguins fed?

5) A full tub of water weighed \(2 \frac{2}{7}\) pounds. If the tub were filled up only \(\frac{1}{4}\) full, how much would it weigh?

6) Wendy needed \(2 \frac{3}{4}\) feet of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?

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12) A bag of strawberry candy takes \(2 \frac{2}{5}\) ounces of strawberries to make. If you have \(2 \frac{5}{9}\) bags, how many ounces of strawberries did it take to make them?
Solve each problem. Write your answer as a mixed number (if possible).

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Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) Ned had a lump of play doh that was $3 \frac{1}{2}$ inches long. If he stretched it out to 2 times its current length how long would it be?

2) A doctor told his patient to drink 3 full cups and $\frac{1}{2}$ of a cup of medicine over a week. If each full cup was $4 \frac{1}{2}$ pints, how much is he going to drink over the week?

3) Janet made spicy and regular chili for the chili cookoff. She made enough spicy to fill up $\frac{5}{9}$ of a pot. If she made 4 times as much regular chili, how many pots of regular did she have?

4) For Halloween $\frac{1}{4}$ of the candy sold was chocolate. Of the chocolate candy sold $\frac{7}{8}$ was made by Nestle. What fraction of all the candy sold was chocolate and made by Nestle?

5) A batch of donuts required $4 \frac{1}{2}$ pints of glaze. If a donut store was making $\frac{3}{8}$ of a batch, how much glaze would they need?

6) An adult turtle weighed $4 \frac{6}{7}$ ounces. How much would 4 adult turtles weigh?

7) A bottle of sugar syrup soda had $3 \frac{3}{5}$ grams of sugar in it. If Oliver drank 3 full bottles and $\frac{3}{5}$ of a bottle, how many grams of sugar did he drink?

8) A farmer gives each of his horses $\frac{5}{6}$ of a salt lick a month. If he has 4 horses, how many salt licks does he use a month?

9) A large container of lemon juice used $\frac{5}{8}$ of a bag of lemons. If a small container used $\frac{3}{9}$ the amount of a large container, how many bags does a small container use?

10) A full container of industrial cleaning solution had $4 \frac{3}{8}$ liters of liquid. If the container was only $\frac{7}{8}$ full, how many liters are in there?

11) A air freshener used $4 \frac{7}{8}$ milliliters of perfume. If Sarah wanted to make 2 air fresheners, how many milliliters of perfume would she use?

12) A new washing machine used $3 \frac{3}{4}$ gallons of water per full load to clean clothes. If Roger washed $4 \frac{1}{5}$ loads of clothes, how many gallons of water would be used?

Answers

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6) An adult turtle weighed $4 \frac{3}{7}$ ounces. How much would 4 adult turtles weigh?

7) A bottle of sugar syrup soda had $3 \frac{3}{5}$ grams of sugar in it. If Oliver drank 3 full bottles and $\frac{2}{5}$ of a bottle, how many grams of sugar did he drink?

8) A farmer gives each of his horses $\frac{5}{9}$ of a salt lick a month. If he has 4 horses, how many salt licks does he use a month?

9) A large container of lemon juice used $\frac{5}{8}$ of a bag of lemons. If a small container used $\frac{3}{9}$ the amount of a large container, how many bags does a small container use?

10) A full container of industrial cleaning solution had $4 \frac{5}{8}$ liters of liquid. If the container was only $\frac{7}{8}$ full, how many liters are in there?
Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) A taco recipe called for $3\frac{5}{7}$ cups of meat per taco. If Carol wanted to make 2 tacos, how much meat would she need?

2) A batch of chicken required $3\frac{3}{5}$ cups of flour. If a fast food restaurant was making $2\frac{1}{4}$ batches, how much flour would they need?

3) Sam lived 4 miles from his school. If he rode his bike $\frac{2}{7}$ of the distance and then walked the rest, how far did he ride his bike?

4) For a party Paul bought cupcakes, with $\frac{5}{7}$ being chocolate. Of the chocolate cupcakes $\frac{1}{5}$ of them had sprinkles. What fraction of the cupcakes were chocolate with sprinkles?

5) A batch of donuts required $3\frac{2}{3}$ pints of glaze. If a donut store was making $\frac{1}{7}$ of a batch, how much glaze would they need?

6) A air freshener used $3\frac{2}{5}$ milliliters of perfume. If Amy wanted to make 3 air fresheners, how many milliliters of perfume would she use?

7) Katie had 4 full cement blocks and one that was $\frac{4}{6}$ the normal size. If each full block weighed $3\frac{3}{4}$ pounds, what is the weight of the blocks Katie has?

8) Kaleb stacked 2 pieces of wood on top of one another. If each piece was $\frac{2}{5}$ of a foot tall, how tall was his pile?

9) At the malt shop a large chocolate shake takes $\frac{2}{3}$ of a pint of milk. If the medium shake takes $\frac{3}{4}$ the amount of a large, how much does the medium shake take?

10) A box of markers weighed $4\frac{2}{5}$ ounces. If a teacher took out $\frac{5}{8}$ of the markers, what is the weight of the markers she took out?

11) An industrial dishwasher takes 3 gallons of water to wash a full load of dishes. If you were to wash 4 full load and $\frac{1}{4}$ of a load, how much water would you use?

12) A package of paper weighs $2\frac{1}{6}$ ounces. If Mike put $4\frac{1}{2}$ packages of paper on a scale, how much would they weigh?
Fraction Word Problems

1) A taco recipe called for \(3 \frac{5}{7}\) cups of meat per taco. If Carol wanted to make 2 tacos, how much meat would she need?

2) A batch of chicken required \(3 \frac{3}{5}\) cups of flour. If a fast food restaurant was making \(2 \frac{1}{4}\) batches, how much flour would they need?

3) Sam lived 4 miles from his school. If he rode his bike \(\frac{3}{7}\) of the distance and then walked the rest, how far did he ride his bike?

4) For a party Paul bought cupcakes, with \(\frac{5}{7}\) being chocolate. Of the chocolate cupcakes \(\frac{1}{5}\) of them had sprinkles. What fraction of the cupcakes were chocolate with sprinkles?

5) A batch of donuts required \(3 \frac{2}{3}\) pints of glaze. If a donut store was making \(\frac{1}{7}\) of a batch, how much glaze would they need?

6) A air freshener used \(3 \frac{2}{5}\) milliliters of perfume. If Amy wanted to make 3 air fresheners, how many milliliters of perfume would she use?

7) Katie had 4 full cement blocks and one that was \(\frac{4}{6}\) the normal size. If each full block weighed \(3 \frac{3}{4}\) pounds, what is the weight of the blocks Katie has?

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9) At the malt shop a large chocolate shake takes \(\frac{2}{3}\) of a pint of milk. If the medium shake takes \(\frac{3}{4}\) the amount of a large, how much does the medium shake take?

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3) Sam lived 4 miles from his school. If he rode his bike \(\frac{2}{7}\) of the distance and then walked the rest, how far did he ride his bike?

4) For a party Paul bought cupcakes, with \(\frac{5}{7}\) being chocolate. Of the chocolate cupcakes \(\frac{1}{5}\) of them had sprinkles. What fraction of the cupcakes were chocolate with sprinkles?

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8) Kaleb stacked 2 pieces of wood on top of one another. If each piece was \(\frac{2}{3}\) of a foot tall, how tall was his pile?

9) At the malt shop a large chocolate shake takes \(\frac{2}{3}\) of a pint of milk. If the medium shake takes \(\frac{3}{4}\) the amount of a large, how much does the medium shake take?

10) A box of markers weighed \(4 \frac{7}{5}\) ounces. If a teacher took out \(\frac{5}{8}\) of the markers, what is the weight of the markers she took out?
Solve each problem. Write your answer as a mixed number (if possible).

1) Paul had a lump of play doh that was 3 \( \frac{1}{5} \) inches long. If he stretched it out to 4 times its current length how long would it be?

2) A batch of chicken required 4 \( \frac{4}{5} \) cups of flour. If a fast food restaurant was making 3 \( \frac{6}{8} \) batches, how much flour would they need?

3) A musician's hair was originally 2 inches long. She asked her hair dresser to cut \( \frac{4}{6} \) of it off. How many inches did she have cut off?

4) For a fundraiser Jerry sold \( \frac{1}{3} \) of a box of candy. If Tiffany sold \( \frac{2}{4} \) the amount Jerry sold, what fraction did Tiffany sell?

5) A bottle of soda had 2 \( \frac{2}{4} \) of the daily recommended sugar. If you were to drink \( \frac{5}{9} \) of the bottle, how much of the daily recommend sugar would you have drank?

6) A box of pencils weighed 2 \( \frac{2}{7} \) ounces. If a principal ordered 2 boxes, how much would they weigh?

7) Rachel needed a piece of string to be exactly 4 \( \frac{3}{4} \) feet long. If the string she has is 4 \( \frac{3}{6} \) times as long as it should be, how long is the string?

8) Each day a company used \( \frac{2}{3} \) of a box of paper. How much would they have used after 3 days?

9) Cody filled a pitcher up \( \frac{7}{8} \) full then poured \( \frac{1}{3} \) of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?

10) A box of sunflower seeds weighed 2 \( \frac{4}{5} \) pounds. If a store sold \( \frac{5}{7} \) of the box, how much did they sell (in pounds)?

11) An adult turtle weighed 4 \( \frac{3}{5} \) ounces. How much would 4 adult turtles weigh?

12) A doctor told his patient to drink 4 full cups and \( \frac{4}{6} \) of a cup of medicine over a week. If each full cup was 4 \( \frac{1}{7} \) pints, how much is he going to drink over the week?
### Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1. **Paul had a lump of play doh that was** $3 \frac{1}{5}$ **inches long. If he stretched it out to 4 times** its current length **how long would it be?**

2. **A batch of chicken required** $4 \frac{4}{5}$ **cups of flour. If a fast food restaurant was making** $3 \frac{6}{8}$ **batches, how much flour would they need?**

3. **A musician's hair was originally 2 inches long. She asked her hair dresser to cut** $\frac{4}{6}$ **of it off. How many inches did she have cut off?**

4. **For a fundraiser Jerry sold** $\frac{1}{3}$ **of a box of candy. If Tiffany sold** $\frac{3}{4}$ **the amount Jerry sold, what fraction did Tiffany sell?**

5. **A bottle of soda had** $2 \frac{2}{4}$ **of the daily recommended sugar. If you were to drink** $\frac{5}{9}$ **of the bottle, how much of the daily recommend sugar would you have drank?**

6. **A box of pencils weighed** $2 \frac{2}{7}$ **ounces. If a principal ordered 2 boxes, how much would they weigh?**

7. **Rachel needed a piece of string to be exactly** $4 \frac{3}{4}$ **feet long. If the string she has is** $4 \frac{3}{6}$ **times as long as it should be, how long is the string?**

8. **Each day a company used** $\frac{2}{3}$ **of a box of paper. How much would they have used after 3 days?**

9. **Cody filled a pitcher up** $\frac{7}{8}$ **full then poured** $\frac{1}{3}$ **of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?**

10. **A box of sunflower seeds weighed** $2 \frac{4}{5}$ **pounds. If a store sold** $\frac{5}{7}$ **of the box, how much did they sell (in pounds)?**

11. **An adult turtle weighed** $4 \frac{3}{5}$ **ounces. How much would 4 adult turtles weigh?**

12. **A doctor told his patient to drink** 4 full cups and $\frac{4}{6}$ **of a cup of medicine over a week. If each full cup was** $4 \frac{1}{7}$ **pints, how much is he going to drink over the week?**

---

**Answers**

1. $12 \frac{4}{5}$

2. $18$

3. $1 \frac{2}{6}$

4. $\frac{2}{12}$

5. $1 \frac{14}{36}$

6. $4 \frac{4}{7}$

7. $20 \frac{6}{24}$

8. $2$

9. $\frac{7}{24}$

10. $2$

11. $18 \frac{2}{5}$

12. $19 \frac{14}{42}$

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Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) Paul had a lump of play dough that was $3 \frac{1}{5}$ inches long. If he stretched it out to 4 times its current length how long would it be?

2) A batch of chicken required $4 \frac{4}{5}$ cups of flour. If a fast food restaurant was making $3 \frac{6}{8}$ batches, how much flour would they need?

3) A musician's hair was originally 2 inches long. She asked her hairdresser to cut $\frac{4}{6}$ of it off. How many inches did she have cut off?

4) For a fundraiser Jerry sold $\frac{1}{3}$ of a box of candy. If Tiffany sold $\frac{2}{4}$ the amount Jerry sold, what fraction did Tiffany sell?

5) A bottle of soda had $2 \frac{2}{4}$ of the daily recommended sugar. If you were to drink $\frac{5}{9}$ of the bottle, how much of the daily recommended sugar would you have drank?

6) A box of pencils weighed $2 \frac{4}{7}$ ounces. If a principal ordered 2 boxes, how much would they weigh?

7) Rachel needed a piece of string to be exactly $4 \frac{3}{4}$ feet long. If the string she has is $4 \frac{3}{6}$ times as long as it should be, how long is the string?

8) Each day a company used $\frac{2}{3}$ of a box of paper. How much would they have used after 3 days?

9) Cody filled a pitcher up $\frac{7}{8}$ full then poured $\frac{1}{5}$ of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?

10) A box of sunflower seeds weighed $2 \frac{4}{3}$ pounds. If a store sold $\frac{5}{7}$ of the box, how much did they sell (in pounds)?
Solve each problem. Write your answer as a mixed number (if possible).

1) A bowl of cereal had $4 \frac{3}{9}$ grams of sugar in it. If Tom ate 4 bowls a week, how many grams of sugar would he have eaten?

2) Ned had a lump of silly putty that was $4 \frac{1}{5}$ inches long. If he stretched it out to $3 \frac{1}{2}$ times its current length how long would it be?

3) When Katie charges her 3DS fully it lasts for 4 hours. If she only charged it $\frac{5}{8}$ full, how long would it last?

4) For a fundraiser Edward sold $\frac{1}{3}$ of a box of candy. If Bianca sold $\frac{2}{3}$ the amount Edward sold, what fraction did Bianca sell?

5) An old wooden post was $4 \frac{4}{7}$ feet long. If you were to cut off $\frac{6}{8}$ of it, how much would you have cut off?

6) A soda shop owner told his employee to add 2 full cups and $\frac{3}{4}$ of a cup of syrup to each gallon of soda. If there were 3 gallons of soda, how much syrup would be needed?

7) Wendy can read $3 \frac{4}{6}$ pages of a book in a minute. If she read for $3 \frac{6}{8}$ minutes, how much would she have read?

8) A restaurant used 2 pounds of potatoes during a lunch rush. If they used $\frac{3}{8}$ as much beef, how many pounds of beef did they use?

9) A large container of lemon juice used $\frac{1}{2}$ of a bag of lemons. If a small container used $\frac{2}{3}$ the amount of a large container, how many bags does a small container use?

10) A bag of pistachios is $4 \frac{1}{5}$ ounces. If you have $\frac{3}{5}$ of a bag, how many ounces does it weigh?

11) A air freshener used $4 \frac{5}{6}$ milliliters of perfume. If Nancy wanted to make 3 air fresheners, how many milliliters of perfume would she use?

12) A package of paper weighs $2 \frac{3}{8}$ ounces. If Will put 2 $\frac{1}{5}$ packages of paper on a scale, how much would they weigh?
Solve each problem. Write your answer as a mixed number (if possible).

1) A bowl of cereal had $\frac{4}{9}$ grams of sugar in it. If Tom ate 4 bowls a week, how many grams of sugar would he have eaten?

2) Ned had a lump of silly putty that was $4 \frac{1}{5}$ inches long. If he stretched it out to $3 \frac{1}{2}$ times its current length how long would it be?

3) When Katie charges her 3DS fully it lasts for 4 hours. If she only charged it $\frac{4}{8}$ full, how long would it last?

4) For a fundraiser Edward sold $\frac{1}{3}$ of a box of candy. If Bianca sold $\frac{2}{3}$ the amount Edward sold, what fraction did Bianca sell?

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9) A large container of lemon juice used $\frac{1}{2}$ of a bag of lemons. If a small container used $\frac{2}{3}$ the amount of a large container, how many bags does a small container use?

10) A bag of pistachios is $4 \frac{1}{5}$ ounces. If you have $\frac{3}{5}$ of a bag, how many ounces does it weigh?

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12) A package of paper weighs $2 \frac{3}{4}$ ounces. If Will put $2 \frac{1}{5}$ packages of paper on a scale, how much would they weigh?
Solve each problem. Write your answer as a mixed number (if possible).

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) A bowl of cereal had (4 \frac{3}{9}) grams of sugar in it. If Tom ate 4 bowls a week, how many grams of sugar would he have eaten?</td>
<td>(14 \frac{7}{10} ) grams</td>
</tr>
<tr>
<td>2) Ned had a lump of silly putty that was (4 \frac{1}{5}) inches long. If he stretched it out to (3 \frac{1}{2}) times its current length how long would it be?</td>
<td>(2 \frac{13}{25} ) inches</td>
</tr>
<tr>
<td>3) When Katie charges her 3DS fully it lasts for 4 hours. If she only charged it (\frac{4}{8}) full, how long would it last?</td>
<td>(17 \frac{3}{9} ) hours</td>
</tr>
<tr>
<td>4) For a fundraiser Edward sold (\frac{1}{3}) of a box of candy. If Bianca sold (\frac{2}{3}) the amount Edward sold, what fraction did Bianca sell?</td>
<td>(\frac{2}{9})</td>
</tr>
<tr>
<td>5) An old wooden post was (4 \frac{4}{7}) feet long. If you were to cut off (\frac{9}{8}) of it, how much would you have cut off?</td>
<td>(2 \frac{13}{48} ) feet</td>
</tr>
<tr>
<td>6) A soda shop owner told his employee to add 2 full cups and (\frac{3}{4}) of a cup of syrup to each gallon of soda. If there were 3 gallons of soda, how much syrup would be needed?</td>
<td>(13 \frac{36}{48} ) cups</td>
</tr>
<tr>
<td>7) Wendy can read (3 \frac{4}{5}) pages of a book in a minute. If she read for (3 \frac{3}{8}) minutes, how much would she have read?</td>
<td>(2 \frac{6}{8} ) pages</td>
</tr>
<tr>
<td>8) A restaurant used 2 pounds of potatoes during a lunch rush. If they used (\frac{3}{8}) as much beef, how many pounds of beef did they use?</td>
<td>(8 \frac{1}{4} ) pounds</td>
</tr>
<tr>
<td>9) A large container of lemon juice used (\frac{1}{2}) of a bag of lemons. If a small container used (\frac{2}{3}) the amount of a large container, how many bags does a small container use?</td>
<td>(24 \frac{3}{56} ) bags</td>
</tr>
<tr>
<td>10) A bag of pistachios is (4 \frac{1}{5}) ounces. If you have (\frac{3}{5}) of a bag, how many ounces does it weigh?</td>
<td>(2 \frac{17}{25} ) ounces</td>
</tr>
</tbody>
</table>
Solve each problem. Write your answer as a mixed number (if possible).

1) A glass of lemonade took $4 \frac{1}{3}$ scoops of sugar to make. If you wanted to make 3 glasses, how many scoops of sugar would you need?

2) A baby frog weighed $3 \frac{3}{4}$ ounces. After a month it was $4 \frac{2}{3}$ times as heavy, how much did the frog weigh after a month?

3) Nancy was packing up some of her old stuff into a box. If each box could hold $\frac{1}{4}$ of a pound and she packed 2 boxes, how much weight did she pack?

4) For a party Paul bought cupcakes, with $\frac{1}{2}$ being chocolate. Of the chocolate cupcakes $\frac{2}{5}$ of them had sprinkles. What fraction of the cupcakes were chocolate with sprinkles?

5) A bag of pistachios is $2 \frac{2}{3}$ ounces. If you have $\frac{1}{6}$ of a bag, how many ounces does it weigh?

6) Debby needed $2 \frac{1}{8}$ feet of thread to finish a pillow she was making. If she has 4 times as much thread as she needs, what is the length of the thread she has?

7) A single box of thumb tacks weighed $3 \frac{7}{8}$ ounces. If a teacher had $4 \frac{5}{7}$ boxes, how much would their combined weight be?

8) Isabel collected 2 times as many bags of cans as her friend. If her friend collected $\frac{3}{8}$ of a bag, how much did Isabel collect?

9) A large container of lemon juice used $\frac{5}{7}$ of a bag of lemons. If a small container used $\frac{6}{7}$ the amount of a large container, how many bags does a small container use?

10) A box of markers weighed $4 \frac{7}{9}$ ounces. If a teacher took out $\frac{3}{7}$ of the markers, what is the weight of the markers she took out?

11) Oliver had a lump of play doh that was $2 \frac{1}{4}$ inches long. If he stretched it out to 3 times its current length how long would it be?

12) A bottle of home-made cleaning solution took $3 \frac{1}{3}$ milliliters of lemon juice. If Chloe wanted to make $3 \frac{4}{6}$ bottles, how many milliliters of lemon juice would she need?
Solve each problem. Write your answer as a mixed number (if possible).

<table>
<thead>
<tr>
<th></th>
<th>Answer Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13</td>
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<tr>
<td>2</td>
<td>15 12/16</td>
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<td>6/8</td>
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<td>30/49</td>
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<td>10</td>
<td>2 3/63</td>
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<tr>
<td>11</td>
<td>6 3/4</td>
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<tr>
<td>12</td>
<td>11 13/27</td>
</tr>
</tbody>
</table>

1) A glass of lemonade took 4 1/3 scoops of sugar to make. If you wanted to make 3 glasses, how many scoops of sugar would you need?

2) A baby frog weighed 3 3/4 ounces. After a month it was 4 3/4 times as heavy, how much did the frog weigh after a month?

3) Nancy was packing up some of her old stuff into a box. If each box could hold 1/4 of a pound and she packed 2 boxes, how much weight did she pack?

4) For a party Paul bought cupcakes, with 1/2 being chocolate. Of the chocolate cupcakes 3/5 of them had sprinkles. What fraction of the cupcakes were chocolate with sprinkles?

5) A bag of pistachios is 2 2/3 ounces. If you have 1/6 of a bag, how many ounces does it weigh?

6) Debby needed 2 1/8 feet of thread to finish a pillow she was making. If she has 4 times as much thread as she needs, what is the length of the thread she has?

7) A single box of thumb tacks weighed 3 7/8 ounces. If a teacher had 4 5/7 boxes, how much would their combined weight be?

8) Isabel collected 2 times as many bags of cans as her friend. If her friend collected 3/8 of a bag, how much did Isabel collect?

9) A large container of lemon juice used 5/7 of a bag of lemons. If a small container used 6/7 the amount of a large container, how many bags does a small container use?

10) A box of markers weighed 4 7/9 ounces. If a teacher took out 3/7 of the markers, what is the weight of the markers she took out?

11) Oliver had a lump of play doh that was 2 1/4 inches long. If he stretched it out to 3 times its current length how long would it be?

12) A bottle of home-made cleaning solution took 3 1/3 milliliters of lemon juice. If Chloe wanted to make 3 4/9 bottles, how many milliliters of lemon juice would she need?
Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) A glass of lemonade took $4 \frac{1}{3}$ scoops of sugar to make. If you wanted to make 3 glasses, how many scoops of sugar would you need?

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4) For a party Paul bought cupcakes, with $\frac{1}{2}$ being chocolate. Of the chocolate cupcakes $\frac{2}{5}$ of them had sprinkles. What fraction of the cupcakes were chocolate with sprinkles?

5) A bag of pistachios is $2 \frac{2}{3}$ ounces. If you have $\frac{1}{6}$ of a bag, how many ounces does it weigh?

6) Debby needed $2 \frac{1}{8}$ feet of thread to finish a pillow she was making. If she has 4 times as much thread as she needs, what is the length of the thread she has?

7) A single box of thumb tacks weighed $3 \frac{7}{8}$ ounces. If a teacher had $4 \frac{5}{7}$ boxes, how much would their combined weight be?

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Solve each problem. Write your answer as a mixed number (if possible).

1) A soda shop owner told his employee to add 3 full cups and \( \frac{3}{7} \) of a cup of syrup to each gallon of soda. If there were 3 gallons of soda, how much syrup would be needed?

2) A batch of chicken required 4 \( \frac{6}{7} \) cups of flour. If a fast food restaurant was making 3 \( \frac{3}{4} \) batches, how much flour would they need?

3) When Vanessa charges her 3DS fully it lasts for 2 hours. If she only charged it \( \frac{7}{8} \) full, how long would it last?

4) Frank filled a pitcher up \( \frac{3}{4} \) full then poured \( \frac{1}{2} \) of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?

5) A new dish washing machine used 3 \( \frac{3}{6} \) gallons of water per full load to clean dishes. If Ned washed \( \frac{2}{7} \) of a load, how many gallons of water would be used?

6) A restaurant had 2 full boxes of spoons and \( \frac{2}{4} \) of a box. If each full box weighed 4 kilograms, what is the combined weight of the boxes the restaurant has?

7) Faye needed a piece of string to be exactly 3 \( \frac{7}{4} \) feet long. If the string she has is 4 \( \frac{3}{4} \) times as long as it should be, how long is the string?

8) Lana bought a buch of packages of gum at the gas station and ate \( \frac{7}{4} \) of a package each week. How much would she have eaten after 4 weeks?

9) At the malt shop a large chocolate shake takes \( \frac{1}{7} \) of a pint of milk. If the medium shake takes \( \frac{3}{7} \) the amount of a large, how much does the medium shake take?

10) A full truck weighed 3 \( \frac{2}{6} \) tons. If the truck was only \( \frac{4}{6} \) full, how much would it weigh?

11) Each day a carwash used 4 \( \frac{1}{2} \) gallons of soap. After 4 days, how much soap would they have used?

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Solve each problem. Write your answer as a mixed number (if possible).

1) A soda shop owner told his employee to add 3 full cups and \(\frac{3}{7}\) of a cup of syrup to each gallon of soda. If there were 3 gallons of soda, how much syrup would be needed?

2) A batch of chicken required 4 \(\frac{6}{7}\) cups of flour. If a fast food restaurant was making 3 \(\frac{3}{4}\) batches, how much flour would they need?

3) When Vanessa charges her 3DS fully it lasts for 2 hours. If she only charged it \(\frac{7}{8}\) full, how long would it last?

4) Frank filled a pitcher up \(\frac{3}{4}\) full then poured \(\frac{1}{2}\) of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?

5) A new dish washing machine used 3 \(\frac{3}{6}\) gallons of water per full load to clean dishes. If Ned washed \(\frac{2}{7}\) of a load, how many gallons of water would be used?

6) A restaurant had 2 full boxes of spoons and \(\frac{2}{4}\) of a box. If each full box weighed 4 kilograms, what is the combined weight of the boxes the restaurant has?

7) Faye needed a piece of string to be exactly 3 \(\frac{2}{4}\) feet long. If the string she has is 4 \(\frac{2}{4}\) times as long as it should be, how long is the string?

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### Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) Megan can type $2 \frac{2}{7}$ sentences per minute. If she typed for 4 minutes, how much would she have typed?

2) A single box of thumb tacks weighed $3 \frac{1}{2}$ ounces. If a teacher had $4 \frac{1}{3}$ boxes, how much would their combined weight be?

3) Tom lived 3 miles from his school. If he rode his bike $\frac{3}{8}$ of the distance and then walked the rest, how far did he ride his bike?

4) Edward filled a pitcher up $\frac{3}{7}$ full then poured $\frac{2}{4}$ of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?

5) A batch of donuts required $2 \frac{1}{2}$ pints of glaze. If a donut store was making $\frac{1}{2}$ of a batch, how much glaze would they need?

6) A taco recipe called for $4 \frac{1}{8}$ cups of meat per taco. If Faye wanted to make 3 tacos, how much meat would she need?

7) An old road was $4 \frac{2}{9}$ miles long. After a renovation it was $2 \frac{1}{3}$ times as long. How long was the road after the renovation?

8) Debby collected 2 times as many bags of cans as her friend. If her friend collected $\frac{1}{6}$ of a bag, how much did Debby collect?

9) At the animal shelter $\frac{4}{6}$ of the animals are cats. Of the cats $\frac{1}{2}$ are male. What fraction of the animals at the shelter are male cats?

10) A new dish washing machine used $4 \frac{1}{8}$ gallons of water per full load to clean dishes. If Kaleb washed $\frac{4}{6}$ of a load, how many gallons of water would be used?

11) An adult turtle weighed $2 \frac{1}{3}$ ounces. How much would 3 adult turtles weigh?

12) Zoe had 3 full cement blocks and one that was $\frac{3}{6}$ the normal size. If each full block weighed $4 \frac{1}{2}$ pounds, what is the weight of the blocks Zoe has?

### Answers

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