



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

Answers

- 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 $4\frac{1}{7}$ 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?
- 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 freshners, how many milliliters of perfume would she use?
- 12) A batch of chicken required $3\frac{1}{3}$ cups of flour. If a fast food restaurant was making $4\frac{3}{7}$ batches, how much flour would they need?

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



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- 2) A single box of thumb tacks weighed $3\frac{1}{2}$ ounces. If a teacher had $4\frac{1}{7}$ 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?
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- 11) A air freshener used $3\frac{3}{4}$ milliliters of perfume. If Wendy wanted to make 3 air freshners, how many milliliters of perfume would she use?
- 12) A batch of chicken required $3\frac{1}{3}$ cups of flour. If a fast food restaurant was making $4\frac{3}{7}$ batches, how much flour would they need?

Answers

1. $7\frac{1}{3}$
2. $14\frac{7}{14}$
3. $\frac{4}{6}$
4. $\frac{8}{63}$
5. $2\frac{2}{14}$
6. $8\frac{4}{5}$
7. $12\frac{16}{18}$
8. $2\frac{3}{6}$
9. $\frac{1}{4}$
10. $\frac{5}{14}$
11. $11\frac{1}{4}$
12. $14\frac{16}{21}$



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

$2 \frac{2}{14}$	$\frac{8}{63}$	$\frac{1}{4}$	$14 \frac{7}{14}$
$\frac{4}{6}$	$2 \frac{3}{6}$	$8 \frac{4}{5}$	$\frac{5}{14}$
	$7 \frac{1}{3}$	$12 \frac{16}{18}$	

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

- 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 $4 \frac{1}{7}$ 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?
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Solve each problem. Write your answer as a mixed number (if possible).

Answers

- | | |
|--|------------------|
| <p>1) An adult turtle weighed $3 \frac{3}{4}$ ounces. How much would 3 adult turtles weigh?</p> | <p>1. _____</p> |
| <p>2) A new washing machine used $3 \frac{2}{4}$ 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?</p> | <p>2. _____</p> |
| <p>3) On Halloween 4 friends each received $\frac{4}{5}$ of a pound of candy. How much candy did they receive total?</p> | <p>3. _____</p> |
| <p>4) On Monday Ned picked up $\frac{3}{9}$ 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?</p> | <p>4. _____</p> |
| <p>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?</p> | <p>5. _____</p> |
| <p>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?</p> | <p>6. _____</p> |
| <p>7) A batch of chicken required $2 \frac{1}{3}$ cups of flour. If a fast food restaurant was making $4 \frac{1}{3}$ batches, how much flour would they need?</p> | <p>7. _____</p> |
| <p>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?</p> | <p>8. _____</p> |
| <p>9) Will picked $\frac{2}{4}$ a pound of apples, but $\frac{2}{3}$ of them were bad. Of the apples Will picked, how many pounds were bad?</p> | <p>9. _____</p> |
| <p>10) A full tub of water weighed $3 \frac{1}{8}$ pounds. If the tub were filled up only $\frac{2}{7}$ full, how much would it weigh?</p> | <p>10. _____</p> |
| <p>11) A box of pencils weighed $4 \frac{2}{5}$ ounces. If a principal ordered 3 boxes, how much would they weigh?</p> | <p>11. _____</p> |
| <p>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?</p> | <p>12. _____</p> |



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 $3 \frac{2}{4}$ 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 $\frac{3}{9}$ 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 $2 \frac{1}{3}$ 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?
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- 10) A full tub of water weighed $3 \frac{1}{8}$ pounds. If the tub were filled up only $\frac{2}{7}$ full, how much would it weigh?
- 11) A box of pencils weighed $4 \frac{2}{5}$ 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?

Answers

1. $11 \frac{1}{4}$
2. $9 \frac{4}{12}$
3. $3 \frac{1}{5}$
4. $\frac{9}{36}$
5. $\frac{23}{30}$
6. $7 \frac{7}{8}$
7. $10 \frac{1}{9}$
8. 2
9. $\frac{4}{12}$
10. $\frac{50}{56}$
11. $13 \frac{1}{5}$
12. $4 \frac{19}{20}$



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

Answers

$\frac{23}{30}$	$7\frac{7}{8}$	$9\frac{4}{12}$	$11\frac{1}{4}$
$3\frac{1}{5}$	2	$\frac{4}{12}$	$\frac{50}{56}$
	$10\frac{1}{9}$	$\frac{9}{36}$	

1. _____
2. _____
3. _____
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- 1) An adult turtle weighed $3\frac{3}{4}$ ounces. How much would 3 adult turtles weigh?
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- 10) A full tub of water weighed $3\frac{1}{8}$ pounds. If the tub were filled up only $\frac{2}{7}$ full, how much would it weigh?



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

Answers

- 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 $\frac{7}{9}$ 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?
- 7) A bottle of sugar syrup soda had $3\frac{3}{9}$ grams of sugar in it. If Will drank 2 full bottles and $\frac{1}{2}$ of a bottle, how many grams of sugar did he drink?
- 8) 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?
- 9) 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?
- 10) 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?
- 11) 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?
- 12) A bag of strawberry candy takes $2\frac{2}{5}$ ounces of strawberries to make. If you have $2\frac{6}{9}$ bags, how many ounces of strawberries did it take to make them?

1. _____
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- 7) A bottle of sugar syrup soda had $3\frac{3}{9}$ grams of sugar in it. If Will drank 2 full bottles and $\frac{1}{2}$ of a bottle, how many grams of sugar did he drink?
- 8) 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?
- 9) 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?
- 10) 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?
- 11) 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?
- 12) A bag of strawberry candy takes $2\frac{2}{5}$ ounces of strawberries to make. If you have $2\frac{6}{9}$ bags, how many ounces of strawberries did it take to make them?

Answers

1. $12\frac{4}{5}$
2. $12\frac{10}{12}$
3. 1
4. $\frac{28}{63}$
5. $\frac{16}{28}$
6. $5\frac{2}{4}$
7. $8\frac{6}{18}$
8. $1\frac{1}{2}$
9. $\frac{2}{24}$
10. $\frac{23}{54}$
11. $10\frac{6}{9}$
12. $6\frac{18}{45}$



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

Answers

$\frac{2}{24}$	$1\frac{1}{2}$	$8\frac{6}{18}$	$\frac{23}{54}$
1	$12\frac{4}{5}$	$12\frac{10}{12}$	$\frac{28}{63}$
	$\frac{16}{28}$	$5\frac{2}{4}$	

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- 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?
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7. _____
8. _____
9. _____
10. _____



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

Answers

- | | |
|---|-----------|
| 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? | 1. _____ |
| 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? | 2. _____ |
| 3) Janet made spicy and regular chili for the chili cookoff. She made enough spicy to fill up $\frac{8}{9}$ of a pot. If she made 4 times as much regular chili, how many pots of regular did she have? | 3. _____ |
| 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? | 4. _____ |
| 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? | 5. _____ |
| 6) An adult turtle weighed $4\frac{6}{7}$ ounces. How much would 4 adult turtles weigh? | 6. _____ |
| 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? | 7. _____ |
| 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? | 8. _____ |
| 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? | 9. _____ |
| 10) A full container of industrial cleaning solution had $4\frac{6}{8}$ liters of liquid. If the container was only $\frac{7}{8}$ full, how many liters are in there? | 10. _____ |
| 11) A air freshener used $4\frac{7}{8}$ milliliters of perfume. If Sarah wanted to make 2 air freshners, how many milliliters of perfume would she use? | 11. _____ |
| 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? | 12. _____ |



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- 3) Janet made spicy and regular chili for the chili cookoff. She made enough spicy to fill up $\frac{8}{9}$ 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 $\frac{2}{5}$ 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 $4\frac{6}{8}$ 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 freshners, 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

1. 7
2. $15\frac{3}{4}$
3. $3\frac{5}{9}$
4. $\frac{7}{32}$
5. $1\frac{11}{16}$
6. $19\frac{3}{7}$
7. $12\frac{6}{25}$
8. $2\frac{2}{9}$
9. $\frac{15}{72}$
10. $4\frac{10}{64}$
11. $9\frac{6}{8}$
12. $15\frac{15}{20}$



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

$4 \frac{10}{64}$	$3 \frac{5}{9}$	$\frac{7}{32}$	$2 \frac{2}{9}$
$15 \frac{3}{4}$	$1 \frac{11}{16}$	$\frac{15}{72}$	7
	$19 \frac{3}{7}$	$12 \frac{6}{25}$	

Answers

- 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?
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- 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?
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- 10) A full container of industrial cleaning solution had $4 \frac{6}{8}$ liters of liquid. If the container was only $\frac{7}{8}$ full, how many liters are in there?

1. _____
2. _____
3. _____
4. _____
5. _____
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Solve each problem. Write your answer as a mixed number (if possible).

Answers

- 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 freshners, 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 $3\frac{2}{4}$ 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 $\frac{2}{3}$ 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 $4\frac{2}{5}$ 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 $2\frac{1}{9}$ ounces. If Mike put $4\frac{1}{2}$ packages of paper on a scale, how much would they weigh?

1. _____
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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 freshners, 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 $3 \frac{2}{4}$ 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?
- 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 $2 \frac{1}{9}$ ounces. If Mike put $4 \frac{1}{2}$ packages of paper on a scale, how much would they weigh?

Answers

1. $7 \frac{3}{7}$
2. $8 \frac{2}{20}$
3. $1 \frac{1}{7}$
4. $\frac{5}{35}$
5. $\frac{11}{21}$
6. $10 \frac{1}{5}$
7. $16 \frac{8}{24}$
8. $1 \frac{1}{3}$
9. $\frac{6}{12}$
10. $2 \frac{30}{40}$
11. $12 \frac{3}{4}$
12. $9 \frac{9}{18}$



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

$7 \frac{3}{7}$	$11 \frac{1}{21}$	$6 \frac{1}{12}$	$2 \frac{30}{40}$
$10 \frac{1}{5}$	$1 \frac{1}{7}$	$1 \frac{1}{3}$	$8 \frac{2}{20}$
	$5 \frac{1}{35}$	$16 \frac{8}{24}$	

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

- 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?
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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?
- 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?



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

Answers

- 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 $4\frac{2}{4}$ 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?

1. _____
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5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



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

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- 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?
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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. $19\frac{14}{42}$



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

$1 \frac{2}{6}$	2	$20 \frac{6}{24}$	$\frac{7}{24}$
$1 \frac{14}{36}$	18	$12 \frac{4}{5}$	2
	$\frac{2}{12}$	$4 \frac{4}{7}$	

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

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

Answers

- 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 $\frac{4}{8}$ 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?
- 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 freshners, 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?

1. _____
2. _____
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11. _____
12. _____



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 $\frac{4}{8}$ 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?
- 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?
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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?
- 11) A air freshener used $4\frac{5}{6}$ milliliters of perfume. If Nancy wanted to make 3 air freshners, 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?

Answers

1. $17\frac{3}{9}$
2. $14\frac{7}{10}$
3. 2
4. $\frac{2}{9}$
5. $3\frac{24}{56}$
6. $8\frac{1}{4}$
7. $13\frac{36}{48}$
8. $\frac{6}{8}$
9. $\frac{2}{6}$
10. $2\frac{13}{25}$
11. $14\frac{3}{6}$
12. $5\frac{9}{40}$



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

Answers

$14 \frac{7}{10}$	2	$17 \frac{3}{9}$	$\frac{2}{9}$
$2 \frac{13}{25}$	$13 \frac{36}{48}$	$\frac{6}{8}$	$3 \frac{24}{56}$
	$\frac{2}{6}$	$8 \frac{1}{4}$	

- 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 $\frac{4}{8}$ full, how long would it last?
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- 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?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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

Answers

- 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 $3\frac{2}{4}$ ounces. After a month it was $4\frac{2}{4}$ 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 $\frac{1}{4}$ 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 $3\frac{4}{9}$ bottles, how many milliliters of lemon juice would she need?

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2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____



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

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- 2) A baby frog weighed $3\frac{2}{4}$ ounces. After a month it was $4\frac{2}{4}$ 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 $\frac{1}{4}$ 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 $3\frac{4}{9}$ bottles, how many milliliters of lemon juice would she need?

Answers

1. 13
2. $15\frac{12}{16}$
3. $\frac{2}{4}$
4. $\frac{2}{10}$
5. $\frac{8}{18}$
6. $8\frac{4}{8}$
7. $18\frac{15}{56}$
8. $\frac{6}{8}$
9. $\frac{30}{49}$
10. $2\frac{3}{63}$
11. $6\frac{3}{4}$
12. $11\frac{13}{27}$



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

Answers

$\frac{2}{10}$	$8\frac{4}{8}$	$\frac{6}{8}$	$18\frac{15}{56}$
$\frac{2}{4}$	$2\frac{3}{63}$	$\frac{8}{18}$	13
	$15\frac{12}{16}$	$\frac{30}{49}$	

- 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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- 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?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



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

Answers

- 1) A soda shop owner told his employee to add 3 full cups and $\frac{4}{7}$ 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 $\frac{2}{8}$ 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 $\frac{4}{7}$ 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?
- 8) Lana bought a buch of packages of gum at the gas station and ate $\frac{2}{4}$ 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 $\frac{3}{5}$ 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?
- 12) A package of paper weighs $4\frac{4}{7}$ ounces. If Jerry put $3\frac{1}{2}$ packages of paper on a scale, how much would they weigh?

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

Answers

- | | |
|---|--|
| <p>1) A soda shop owner told his employee to add 3 full cups and $\frac{4}{7}$ of a cup of syrup to each gallon of soda. If there were 3 gallons of soda, how much syrup would be needed?</p> | <p>1. <u>10 $\frac{5}{7}$</u></p> |
| <p>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?</p> | <p>2. <u>18 $\frac{6}{28}$</u></p> |
| <p>3) When Vanessa charges her 3DS fully it lasts for 2 hours. If she only charged it $\frac{2}{8}$ full, how long would it last?</p> | <p>3. <u>$\frac{4}{8}$</u></p> |
| <p>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?</p> | <p>4. <u>$\frac{3}{8}$</u></p> |
| <p>5) A new dish washing machine used $3\frac{3}{6}$ gallons of water per full load to clean dishes. If Ned washed $\frac{4}{7}$ of a load, how many gallons of water would be used?</p> | <p>5. <u>2</u></p> |
| <p>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?</p> | <p>6. <u>10</u></p> |
| <p>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?</p> | <p>7. <u>15 $\frac{12}{16}$</u></p> |
| <p>8) Lana bought a buch of packages of gum at the gas station and ate $\frac{2}{4}$ of a package each week. How much would she have eaten after 4 weeks?</p> | <p>8. <u>2</u></p> |
| <p>9) At the malt shop a large chocolate shake takes $\frac{1}{7}$ of a pint of milk. If the medium shake takes $\frac{3}{5}$ the amount of a large, how much does the medium shake take?</p> | <p>9. <u>$\frac{3}{35}$</u></p> |
| <p>10) A full truck weighed $3\frac{2}{6}$ tons. If the truck was only $\frac{4}{6}$ full, how much would it weigh?</p> | <p>10. <u>2 $\frac{8}{36}$</u></p> |
| <p>11) Each day a carwash used $4\frac{1}{2}$ gallons of soap. After 4 days, how much soap would they have used?</p> | <p>11. <u>18</u></p> |
| <p>12) A package of paper weighs $4\frac{4}{7}$ ounces. If Jerry put $3\frac{1}{2}$ packages of paper on a scale, how much would they weigh?</p> | <p>12. <u>16</u></p> |



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

$10 \frac{5}{7}$	$2 \frac{8}{36}$	$18 \frac{6}{28}$	2
$\frac{3}{35}$	2	$15 \frac{12}{16}$	$\frac{4}{8}$
	10	$\frac{3}{8}$	

Answers

1. _____
2. _____
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8. _____
9. _____
10. _____

- 1) A soda shop owner told his employee to add 3 full cups and $\frac{4}{7}$ of a cup of syrup to each gallon of soda. If there were 3 gallons of soda, how much syrup would be needed?
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Solve each problem. Write your answer as a mixed number (if possible).

Answers

- 1) Megan can type $2\frac{6}{7}$ 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 $4\frac{4}{5}$ 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 $\frac{2}{7}$ 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?

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

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Answers

1. $11\frac{3}{7}$
2. $16\frac{8}{10}$
3. $1\frac{1}{8}$
4. $\frac{4}{28}$
5. $1\frac{1}{4}$
6. $12\frac{3}{8}$
7. $9\frac{23}{27}$
8. $\frac{2}{6}$
9. $\frac{4}{12}$
10. $2\frac{36}{48}$
11. 7
12. $15\frac{9}{12}$



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

$1 \frac{1}{4}$	$\frac{4}{28}$	$11 \frac{3}{7}$	$2 \frac{36}{48}$
$\frac{2}{6}$	$9 \frac{23}{27}$	$16 \frac{8}{10}$	$1 \frac{1}{8}$
	$12 \frac{3}{8}$	$\frac{4}{12}$	

Answers

- 1) Megan can type $2 \frac{6}{7}$ sentences per minute. If she typed for 4 minutes, how much would she have typed?
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