Fraction Word Problems

Name:

Solve each problem.

1) A doctor told his patient to drink 2 full cups and $^{2}/_{4}$ of a cup of medicine over a week. If each full cup was $2^{2}/_{5}$ pints, how much is he going to drink over the week?

2) A bottle of sugar syrup soda had $2^{3}/_{5}$ grams of sugar in it. If George drank 1 full bottles and $^{3}/_{5}$ of a bottle, how many grams of sugar did he drink?

3) Rachel needed a piece of string to be exactly $1^{1}/_{2}$ feet long. If the string she has is $1^{2}/_{3}$ times as long as it should be, how long is the string?

4) An old road was $1^{3}/_{5}$ miles long. After a renovation it was $1^{1}/_{2}$ times as long. How long was the road after the renovation?

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

6) A baby frog weighed $2^{3}/_{4}$ ounces. After a month it was $3^{1}/_{2}$ times as heavy, how much did the frog weigh after a month?

7) A package of paper weighs $2^{1}/_{3}$ ounces. If Jerry put $1^{4}/_{5}$ packages of paper on a scale, how much would they weigh?

8) A new washing machine used $1^{2}/_{5}$ gallons of water per full load to clean clothes. If Mike washed $1^{1}/_{4}$ loads of clothes, how many gallons of water would be used?

9) Emily can read $1^{1}/_{2}$ pages of a book in a minute. If she read for $1^{2}/_{3}$ minutes, how much would she have read?

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

11) A bag of strawberry candy takes $3^{1}/_{3}$ ounces of strawberries to make. If you have $2^{1}/_{2}$ bags, how many ounces of strawberries did it take to make them?

12) A bottle of home-made cleaning solution took $3^{1}/_{3}$ milliliters of lemon juice. If Isabel wanted to make $3^{1}/_{2}$ bottles, how many milliliters of lemon juice would she need?

Answers

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

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Solve each problem.

1) A doctor told his patient to drink 2 full cups and $^{2}/_{4}$ of a cup of medicine over a week. If each full cup was $2^{2}/_{5}$ pints, how much is he going to drink over the week?

2) A bottle of sugar syrup soda had $2^{3}/_{5}$ grams of sugar in it. If George drank 1 full bottles and $^{3}/_{5}$ of a bottle, how many grams of sugar did he drink?

3) Rachel needed a piece of string to be exactly $1^{1}/_{2}$ feet long. If the string she has is $1^{2}/_{3}$ times as long as it should be, how long is the string?

4) An old road was $1^{3}/_{5}$ miles long. After a renovation it was $1^{1}/_{2}$ times as long. How long was the road after the renovation?

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

6) A baby frog weighed $2^{3}/_{4}$ ounces. After a month it was $3^{1}/_{2}$ times as heavy, how much did the frog weigh after a month?

7) A package of paper weighs $2^{1}/_{3}$ ounces. If Jerry put $1^{4}/_{5}$ packages of paper on a scale, how much would they weigh?

8) A new washing machine used $1^{2}/_{5}$ gallons of water per full load to clean clothes. If Mike washed $1^{1}/_{4}$ loads of clothes, how many gallons of water would be used?

9) Emily can read $1^{1}/_{2}$ pages of a book in a minute. If she read for $1^{2}/_{3}$ minutes, how much would she have read?

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

11) A bag of strawberry candy takes $3^{1}/_{3}$ ounces of strawberries to make. If you have $2^{1}/_{2}$ bags, how many ounces of strawberries did it take to make them?

12) A bottle of home-made cleaning solution took $3^{1}/_{3}$ milliliters of lemon juice. If Isabel wanted to make $3^{1}/_{2}$ bottles, how many milliliters of lemon juice would she need?

Answers

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

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Fraction Word Problems

Name:

Solve each problem.

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

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?

Answers

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

1-10	90	80	70	60	50	40	30	20	10	0