Fraction Word Problems

Name:

Solve each problem.

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

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

3) A bottle of home-made cleaning solution took $3\frac{1}{5}$ milliliters of lemon juice. If Vanessa wanted to make $2\frac{2}{3}$ bottles, how many milliliters of lemon juice would she need?

4) Nancy can read $2\frac{4}{5}$ pages of a book in a minute. If she read for $3\frac{1}{5}$ minutes, how much would she have read?

5) A bag of strawberry candy takes $2\frac{1}{4}$ ounces of strawberries to make. If you have $3\frac{1}{5}$ bags, how many ounces of strawberries did it take to make them?

6) A doctor told his patient to drink 2 full cups and $\frac{3}{4}$ 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?

7) A baby frog weighed $1\frac{1}{2}$ ounces. After a month it was $3\frac{1}{5}$ times as heavy, how much did the frog weigh after a month?

8) A bottle of sugar syrup soda had $1\frac{1}{4}$ grams of sugar in it. If Edward drank 3 full bottles and $\frac{3}{4}$ of a bottle, how many grams of sugar did he drink?

9) A new washing machine used $2\frac{1}{5}$ gallons of water per full load to clean clothes. If Roger washed $2\frac{2}{4}$ loads of clothes, how many gallons of water would be used?

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

11) A single box of thumb tacks weighed $3\frac{2}{4}$ ounces. If a teacher had $1\frac{4}{5}$ boxes, how much would their combined weight be?

12) Isabel 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?

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								

Fraction Word Problems Name: **Answer Key**

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12) Isabel 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?

Answers

1. $4\frac{7}{8}$
2. $6\frac{1}{4}$
3. $8\frac{8}{15}$
4. $8\frac{24}{25}$
5. $7\frac{4}{20}$
6. $3\frac{17}{20}$
7. $4\frac{8}{10}$
8. $4\frac{11}{16}$
9. $5\frac{10}{20}$
10. $2\frac{4}{10}$
11. $6\frac{6}{20}$
12. $8\frac{6}{15}$

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

Fraction Word Problems

Name:

Solve each problem.

$8\frac{24}{25}$	$4\frac{11}{16}$	$7\frac{4}{20}$	$3\frac{17}{20}$	$2\frac{4}{10}$
$5\frac{10}{20}$	$4\frac{7}{8}$	$8\frac{8}{15}$	$6\frac{1}{4}$	$4\frac{8}{10}$

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Answers

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

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