Fraction Word Problems

Name:

Solve each problem.

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

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

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

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

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

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

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

8) A new washing machine used $2\frac{2}{4}$ gallons of water per full load to clean clothes. If Jerry washed $1\frac{1}{3}$ loads of clothes, how many gallons of water would be used?

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

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

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

12) A bottle of home-made cleaning solution took $1\frac{3}{4}$ milliliters of lemon juice. If Sarah wanted to make $3\frac{3}{4}$ 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								

Fraction Word Problems

Name: **Answer Key**

Solve each problem.

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

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Answers

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

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

Fraction Word Problems

Name:

Solve each problem.

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

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

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

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

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Answers

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

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