Fraction Word Problems

Name:

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

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

2) A package of paper weighs $3\frac{3}{5}$ ounces. If Adam put $2\frac{1}{5}$ packages of paper on a scale, how much would they weigh?

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

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

5) A doctor told his patient to drink 1 full cups and $\frac{3}{4}$ of a cup of medicine over a week. If each full cup was $3\frac{1}{5}$ pints, how much is he going to drink over the week?

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

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

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

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

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

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

12) Rachel needed a piece of string to be exactly $2\frac{1}{2}$ feet long. If the string she has is $3\frac{1}{2}$ 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**

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

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

Answers

1. $5\frac{19}{20}$
2. $7\frac{23}{25}$
3. $4\frac{3}{8}$
4. $3\frac{1}{16}$
5. $5\frac{12}{20}$
6. $5\frac{1}{10}$
7. $5\frac{8}{20}$
8. $5\frac{12}{20}$
9. $5\frac{1}{4}$
10. $8\frac{9}{12}$
11. $12\frac{6}{12}$
12. $8\frac{3}{4}$

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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