Fraction Word Problems

Name:

Solve each problem.

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

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

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

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

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

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

7) 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?

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

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

10) A new washing machine used $1\frac{1}{5}$ gallons of water per full load to clean clothes. If Cody washed $3\frac{1}{4}$ loads of clothes, how many gallons of water would be used?

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

12) A bottle of sugar syrup soda had $1\frac{4}{5}$ grams of sugar in it. If Kaleb drank 2 full bottles and $\frac{1}{5}$ of a bottle, how many grams of sugar did he drink?

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								

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Answers

1. $5\frac{5}{6}$
2. $4\frac{1}{6}$
3. $5\frac{5}{8}$
4. $3\frac{3}{20}$
5. $5\frac{5}{6}$
6. $9\frac{1}{6}$
7. $8\frac{3}{4}$
8. $4\frac{10}{20}$
9. $5\frac{8}{20}$
10. $3\frac{18}{20}$
11. $2\frac{5}{8}$
12. $3\frac{24}{25}$

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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