Fraction Word Problems

Name:

Solve each problem.

1) Emily needed a piece of string to be exactly $3\frac{2}{5}$ feet long. If the string she has is $2\frac{1}{4}$ times as long as it should be, how long is the string?

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

3) A bottle of home-made cleaning solution took $1\frac{2}{4}$ milliliters of lemon juice. If Bianca wanted to make $2\frac{1}{2}$ bottles, how many milliliters of lemon juice would she need?

4) A doctor told his patient to drink 3 full cups and $\frac{2}{5}$ of a cup of medicine over a week. If each full cup was $2\frac{3}{4}$ pints, how much is he going to drink over the week?

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

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

7) A batch of chicken required $1\frac{2}{4}$ cups of flour. If a fast food restaurant was making $2\frac{1}{4}$ batches, how much flour would they need?

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

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

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

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

12) Lana had 3 full cement blocks and one that was $\frac{4}{5}$ the normal size. If each full block weighed $2\frac{1}{4}$ pounds, what is the weight of the blocks Lana has?

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. $7\frac{13}{20}$
2. $13\frac{14}{15}$
3. $3\frac{6}{8}$
4. $9\frac{7}{20}$
5. $6\frac{6}{15}$
6. $4\frac{0}{10}$
7. $3\frac{6}{16}$
8. $3\frac{3}{8}$
9. $8\frac{3}{4}$
10. $9\frac{7}{9}$
11. $12\frac{1}{4}$
12. $8\frac{11}{20}$

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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