Solve each problem.

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

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

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

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

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 $3\frac{1}{2}$ pints, how much is he going to drink over the week?

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

7) A bottle of sugar syrup soda had $1\frac{3}{4}$ grams of sugar in it. If Henry drank 2 full bottles and $\frac{1}{4}$ of a bottle, how many grams of sugar did he drink?

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

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

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

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

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

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. $12\frac{2}{9}$
2. $3\frac{10}{20}$
3. $8\frac{3}{4}$
4. $3\frac{1}{9}$
5. $6\frac{1}{8}$
6. $3\frac{3}{20}$
7. $3\frac{15}{16}$
8. $3\frac{3}{4}$
9. $5\frac{8}{25}$
10. $2\frac{14}{15}$
11. $5\frac{5}{6}$
12. $3\frac{2}{6}$

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

Solve each problem.

$8\frac{3}{4}$	$6\frac{1}{8}$	$2\frac{14}{15}$	$3\frac{15}{16}$	$3\frac{1}{9}$
$3\frac{3}{20}$	$3\frac{10}{20}$	$12\frac{2}{9}$	$5\frac{8}{25}$	$3\frac{3}{4}$

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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