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

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

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

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

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

5) A package of paper weighs $2\frac{1}{5}$ ounces. If Adam put $3\frac{4}{5}$ packages of paper on a scale, how much would they weigh?

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

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

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

9) A batch of chicken required $2\frac{3}{5}$ cups of flour. If a fast food restaurant was making $2\frac{1}{4}$ batches, how much flour would they need?

10) A baby frog weighed $1\frac{4}{5}$ ounces. After a month it was $2\frac{1}{3}$ times as heavy, how much did the frog weigh after a month?

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

12) A bag of strawberry candy takes $2\frac{1}{5}$ ounces of strawberries to make. If you have $2\frac{2}{4}$ bags, how many ounces of strawberries did it take to make them?

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. $4\frac{10}{15}$
2. $6\frac{3}{12}$
3. $2\frac{4}{10}$
4. $5\frac{10}{16}$
5. $8\frac{9}{25}$
6. $11\frac{8}{12}$
7. $3\frac{4}{12}$
8. $4\frac{8}{12}$
9. $5\frac{17}{20}$
10. $4\frac{3}{15}$
11. $1\frac{23}{25}$
12. $5\frac{10}{20}$

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

Fraction Word Problems

Name:

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

$2\frac{4}{10}$	$5\frac{10}{16}$	$3\frac{4}{12}$	$4\frac{8}{12}$	$11\frac{8}{12}$
$8\frac{9}{25}$	$5\frac{17}{20}$	$4\frac{3}{15}$	$6\frac{3}{12}$	$4\frac{10}{15}$

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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