Fraction Word Problems

Name:

Solve each problem.Answer as a mixed number (if possible).

1) Rachel needed $2\frac{2}{3}$ feet of thread to finish a pillow she was making. If she has 4 times as much thread as she needs, what is the length of the thread she has?

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

3) A bakery used 3 cups of flour to make a full size cake. If they wanted to make a cake that was $\frac{1}{2}$ the size, how many cups of flour would they need?

4) At the malt shop a large chocolate shake takes $\frac{1}{6}$ of a pint of milk. If the medium shake takes $\frac{2}{3}$ the amount of a large, how much does the medium shake take?

5) Sarah had a piece of thread exactly $3\frac{1}{4}$ yards long. After doing some sewing, she had $\frac{3}{8}$ the original amount left. How much does she have left?

6) Lana can type $2\frac{3}{9}$ sentences per minute. If she typed for 3 minutes, how much would she have typed?

7) Robin had 4 full cement blocks and one that was $\frac{1}{4}$ the normal size. If each full block weighed $2\frac{1}{7}$ pounds, what is the weight of the blocks Robin has?

8) Oliver lived 3 miles from his school. If he rode his bike $\frac{1}{3}$ of the distance and then walked the rest, how far did he ride his bike?

9) Kaleb filled a pitcher up $\frac{1}{3}$ full then poured $\frac{4}{7}$ of the pitcher into a glass. What fraction of the total pitcher did he pour into the glass?

10) A box of markers weighed $2\frac{8}{9}$ ounces. If a teacher took out $\frac{3}{4}$ of the markers, what is the weight of the markers she took out?

11) A restaurant had 4 full boxes of spoons and $\frac{6}{9}$ of a box. If each full box weighed 3 kilograms, what is the combined weight of the boxes the restaurant has?

12) A baby frog weighed $3\frac{5}{9}$ ounces. After a month it was $3\frac{5}{7}$ 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. $10\frac{2}{3}$
2. $11\frac{7}{8}$
3. $1\frac{1}{2}$
4. $0\frac{2}{18}$
5. $1\frac{7}{32}$
6. 7
7. $9\frac{3}{28}$
8. 1
9. $0\frac{4}{21}$
10. $2\frac{6}{36}$
11. 14
12. $13\frac{13}{63}$

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

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$9\frac{3}{28}$	$1\frac{1}{2}$	$10\frac{2}{3}$	$11\frac{7}{8}$	$1\frac{7}{32}$
$0\frac{2}{18}$	$2\frac{6}{36}$	7	$0\frac{4}{21}$	1

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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