Fraction Word Problems

Name:

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

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

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

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

4) A bottle of home-made cleaning solution took $2\frac{1}{2}$ milliliters of lemon juice. If Rachel wanted to make $1\frac{4}{5}$ bottles, how many milliliters of lemon juice would she need?

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

6) A doctor told his patient to drink 3 full cups and $\frac{1}{3}$ of a cup of medicine over a week. If each full cup was $2\frac{3}{5}$ pints, how much is he going to drink over the week?

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

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

9) A single box of thumb tacks weighed $3\frac{1}{4}$ ounces. If a teacher had $1\frac{2}{3}$ boxes, how much would their combined weight be?

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

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

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

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								

Fraction Word Problems

Name: **Answer Key**

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

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

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

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

4) A bottle of home-made cleaning solution took $2\frac{1}{2}$ milliliters of lemon juice. If Rachel wanted to make $1\frac{4}{5}$ bottles, how many milliliters of lemon juice would she need?

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

6) A doctor told his patient to drink 3 full cups and $\frac{1}{3}$ of a cup of medicine over a week. If each full cup was $2\frac{3}{5}$ pints, how much is he going to drink over the week?

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

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

9) A single box of thumb tacks weighed $3\frac{1}{4}$ ounces. If a teacher had $1\frac{2}{3}$ boxes, how much would their combined weight be?

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

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

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

Answers

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

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).

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

1)

2)

3)

4)

5)

6)

7)

8)

9)

10)

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0