Fraction Word Problems

Name:

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

1) A single box of thumb tacks weighed $2\frac{4}{5}$ ounces. If a teacher had $1\frac{3}{5}$ boxes, how much would their combined weight be?

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

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

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

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

6) A bag of strawberry candy takes $2\frac{1}{3}$ ounces of strawberries to make. If you have $3\frac{1}{5}$ bags, how many ounces of strawberries did it take to make them?

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

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

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

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

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

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

Fraction Word Problems Name: **Answer Key**

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

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

Answers

1. $4\frac{12}{25}$
2. $7\frac{7}{15}$
3. $8\frac{2}{12}$
4. $4\frac{0}{15}$
5. $8\frac{8}{9}$
6. $7\frac{7}{15}$
7. $3\frac{11}{15}$
8. $4\frac{1}{6}$
9. $2\frac{11}{12}$
10. $3\frac{6}{8}$
11. $3\frac{9}{12}$
12. $3\frac{6}{10}$

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

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$7\frac{7}{15}$	$2\frac{11}{12}$	$8\frac{2}{12}$	$7\frac{7}{15}$	$4\frac{12}{25}$
$8\frac{8}{9}$	$3\frac{6}{8}$	$4\frac{0}{15}$	$3\frac{11}{15}$	$4\frac{1}{6}$

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