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

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

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

3) Vanessa had 2 full cement blocks and one that was $\frac{1}{5}$ the normal size. If each full block weighed $1\frac{2}{3}$ pounds, what is the weight of the blocks Vanessa has?

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

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

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

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

8) Rachel needed a piece of string to be exactly $3\frac{4}{5}$ feet long. If the string she has is $2\frac{1}{3}$ times as long as it should be, how long is the string?

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

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

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

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

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. $2\frac{2}{9}$
2. $5\frac{3}{6}$
3. $3\frac{10}{15}$
4. $3\frac{3}{20}$
5. $6\frac{1}{4}$
6. $6\frac{1}{9}$
7. $5\frac{5}{6}$
8. $8\frac{13}{15}$
9. $5\frac{1}{4}$
10. $8\frac{8}{25}$
11. $6\frac{1}{4}$
12. $8\frac{5}{9}$

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11-12	8	0								

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

$6\frac{1}{9}$	$3\frac{3}{20}$	$3\frac{10}{15}$	$5\frac{3}{6}$	$2\frac{2}{9}$
$8\frac{13}{15}$	$6\frac{1}{4}$	$5\frac{5}{6}$	$5\frac{1}{4}$	$8\frac{8}{25}$

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Answers

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

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