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

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

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

3) A doctor told his patient to drink 1 full cups and $\frac{1}{4}$ 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?

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

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

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

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

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

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

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

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

12) Haley can read $1\frac{1}{4}$ pages of a book in a minute. If she read for $1\frac{1}{2}$ minutes, how much would she have read?

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. $5\frac{5}{20}$
2. $2\frac{3}{16}$
3. $3\frac{1}{8}$
4. $4\frac{6}{16}$
5. $8\frac{15}{16}$
6. $3\frac{4}{12}$
7. $4\frac{7}{12}$
8. $4\frac{13}{16}$
9. $13\frac{1}{8}$
10. $4\frac{1}{8}$
11. $10\frac{2}{25}$
12. $1\frac{7}{8}$

1-10	92	83	75	67	58	50	42	33	25	17
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$3\frac{4}{12}$	$8\frac{15}{16}$	$4\frac{6}{16}$	$5\frac{5}{20}$	$4\frac{7}{12}$
$4\frac{13}{16}$	$3\frac{1}{8}$	$13\frac{1}{8}$	$2\frac{3}{16}$	$4\frac{1}{8}$

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Answers

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

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