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

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

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

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

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

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

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

7) Oliver had a lump of silly putty that was $3\frac{1}{4}$ inches long. If he stretched it out to $1\frac{4}{5}$ times its current length how long would it be?

8) Faye had 1 full cement blocks and one that was $\frac{2}{3}$ the normal size. If each full block weighed $1\frac{4}{5}$ pounds, what is the weight of the blocks Faye has?

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

10) An old road was $3\frac{2}{3}$ miles long. After a renovation it was $1\frac{4}{5}$ times as long. How long was the road after the renovation?

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

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

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. $8\frac{12}{16}$
2. $12\frac{1}{4}$
3. $7\frac{14}{16}$
4. $10\frac{5}{16}$
5. $8\frac{3}{4}$
6. $8\frac{2}{6}$
7. $5\frac{17}{20}$
8. $3\frac{0}{15}$
9. $6\frac{3}{16}$
10. $6\frac{9}{15}$
11. $3\frac{16}{25}$
12. $3\frac{8}{12}$

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

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$8\frac{3}{4}$	$8\frac{2}{6}$	$6\frac{9}{15}$	$12\frac{1}{4}$	$7\frac{14}{16}$
$10\frac{5}{16}$	$6\frac{3}{16}$	$5\frac{17}{20}$	$3\frac{0}{15}$	$8\frac{12}{16}$

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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