Solve each problem.

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

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

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

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

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

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

7) A new washing machine used $3\frac{3}{5}$ gallons of water per full load to clean clothes. If Adam washed $2\frac{1}{2}$ loads of clothes, how many gallons of water would be used?

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

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

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

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

12) Henry had a lump of silly putty that was $2\frac{4}{5}$ inches long. If he stretched it out to $1\frac{3}{5}$ 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								

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Answers

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

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

Solve each problem.

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

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Answers

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

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