## Solve each problem.

1) Tom had a lump of silly putty that was $3 \frac{1}{3}$ inches long. If he stretched it out to $3 \frac{2}{3}$ times its current length how long would it be?
2) Janet needed a piece of string to be exactly $1 \frac{2}{5}$ feet long. If the string she has is $2 \frac{2}{4}$ times as long as it should be, how long is the string?
3) A bottle of home-made cleaning solution took $3 \frac{1}{2}$ milliliters of lemon juice. If Tiffany wanted to make $2 \frac{1}{2}$ bottles, how many milliliters of lemon juice would she need?
4) Isabel can read $2 \frac{1}{3}$ pages of a book in a minute. If she read for $1 \frac{1}{3}$ minutes, how much would she have read?
5) A doctor told his patient to drink 1 full cups and $3 / 4$ of a cup of medicine over a week. If each full cup was $3 \frac{1}{2}$ pints, how much is he going to drink over the week?
6) A new washing machine used $2 \frac{1}{4}$ gallons of water per full load to clean clothes. If Sam washed $1 \frac{2}{5}$ loads of clothes, how many gallons of water would be used?
7) A bottle of sugar syrup soda had $13 / 4$ grams of sugar in it. If Henry drank 2 full bottles and $1 / 4$ of a bottle, how many grams of sugar did he drink?
8) Haley had 2 full cement blocks and one that was $\frac{1}{2}$ the normal size. If each full block weighed $1 \frac{1}{2}$ pounds, what is the weight of the blocks Haley has?
9) An old road was $3 / 5$ miles long. After a renovation it was $1 / 5$ times as long. How long was the road after the renovation?
10) A batch of chicken required $2 \frac{1}{5}$ cups of flour. If a fast food restaurant was making $1 \frac{1}{3}$ batches, how much flour would they need?
11) A bag of strawberry candy takes $3 / 2$ ounces of strawberries to make. If you have $1 \frac{2}{3}$ bags, how many ounces of strawberries did it take to make them?
12) A baby frog weighed $1 \frac{1}{3}$ ounces. After a month it was $2 \frac{1}{2}$ times as heavy, how much did the frog weigh after a month?

Answers
1.
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$

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1. 
2. $\qquad$
3. $\qquad$
4. 
5. $31 / 9$
6. $\qquad$
7. $\qquad$
8. 


8.

9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$

## Solve each problem.

| $8^{3} / 4$ | $6^{1} / 8$ | $2^{14} / 15$ | $3^{15} / 16$ | $3 / 9$ |
| :---: | :---: | :---: | :---: | :---: |
| $3^{3} / 20$ | $3^{10} / 20$ | $12^{2} / 9$ | $5^{8} / 25$ | $3^{3} / 4$ |

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4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
