



Solve each problem. Answer as a mixed number (if possible).

Answers

- 1) Dave had a lump of play doh that was $4\frac{2}{4}$ inches long. If he stretched it out to 3 times its current length how long would it be?
- 2) Janet had 2 full cement blocks and one that was $\frac{3}{4}$ the normal size. If each full block weighed $2\frac{1}{2}$ pounds, what is the weight of the blocks Janet has?
- 3) It takes $\frac{3}{5}$ of a box of nails to build a bird house. If you wanted to build 4 bird houses, how much would you need?
- 4) For a fundraiser George sold $\frac{5}{8}$ of a box of candy. If Rachel sold $\frac{1}{4}$ the amount George sold, what fraction did Rachel sell?
- 5) A bottle of soda had $2\frac{3}{9}$ of the daily recommended sugar. If you were to drink $\frac{1}{2}$ of the bottle, how much of the daily recommend sugar would you have drank?
- 6) A glass of lemonade took $2\frac{2}{3}$ scoops of sugar to make. If you wanted to make 3 glasses, how many scoops of sugar would you need?
- 7) A baby frog weighed $4\frac{1}{2}$ ounces. After a month it was $2\frac{6}{9}$ times as heavy, how much did the frog weigh after a month?
- 8) A water pitcher could hold $\frac{2}{3}$ of a gallon of water. If Roger filled up 4 pitchers, how much water would he have?
- 9) At the animal shelter $\frac{3}{9}$ of the animals are cats. Of the cats $\frac{1}{3}$ are male. What fraction of the animals at the shelter are male cats?
- 10) A geologist had two rocks on a scale that weighed $2\frac{1}{4}$ together. Rock A was $\frac{3}{5}$ of the total weight. How much did rock A weigh?
- 11) A taco recipe called for $3\frac{2}{3}$ cups of meat per taco. If Maria wanted to make 2 tacos, how much meat would she need?
- 12) A bottle of sugar syrup soda had $2\frac{1}{2}$ grams of sugar in it. If Tom drank 2 full bottles and $\frac{2}{3}$ of a bottle, how many grams of sugar did he drink?

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1. $13\frac{2}{4}$
2. $6\frac{7}{8}$
3. $2\frac{2}{5}$
4. $0\frac{5}{32}$
5. $1\frac{3}{18}$
6. 8
7. 12
8. $2\frac{2}{3}$
9. $0\frac{3}{27}$
10. $1\frac{7}{20}$
11. $7\frac{1}{3}$
12. $6\frac{4}{6}$



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12	8	$1 \frac{3}{18}$	$0 \frac{5}{32}$	$13 \frac{2}{4}$
$0 \frac{3}{27}$	$2 \frac{2}{5}$	$1 \frac{7}{20}$	$6 \frac{7}{8}$	$2 \frac{2}{3}$

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