



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

**Answers**

- 1) Robin needed  $3\frac{2}{3}$  feet of thread to finish a pillow she was making. If she has 2 times as much thread as she needs, what is the length of the thread she has?
- 2) A single box of thumb tacks weighed  $3\frac{1}{2}$  ounces. If a teacher had  $4\frac{1}{7}$  boxes, how much would their combined weight be?
- 3) Chloe collected 4 times as many bags of cans as her friend. If her friend collected  $\frac{1}{6}$  of a bag, how much did Chloe collect?
- 4) At the malt shop a large chocolate shake takes  $\frac{8}{9}$  of a pint of milk. If the medium shake takes  $\frac{1}{7}$  the amount of a large, how much does the medium shake take?
- 5) A bottle of soda had  $4\frac{2}{7}$  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 soda shop owner told his employee to add 2 full cups and  $\frac{1}{5}$  of a cup of syrup to each gallon of soda. If there were 4 gallons of soda, how much syrup would be needed?
- 7) Adam had a lump of silly putty that was  $4\frac{5}{6}$  inches long. If he stretched it out to  $2\frac{2}{3}$  times its current length how long would it be?
- 8) A musician's hair was originally 3 inches long. She asked her hair dresser to cut  $\frac{5}{6}$  of it off. How many inches did she have cut off?
- 9) After a party there was  $\frac{1}{2}$  of a pizza leftover. If the George gave  $\frac{1}{2}$  of the leftover to Olivia, what fraction of the pizza did he give to her?
- 10) A geologist had two rocks on a scale that weighed  $2\frac{1}{2}$  lbs together. Rock A was  $\frac{1}{7}$  of the total weight. How much did rock A weigh?
- 11) A air freshener used  $3\frac{3}{4}$  milliliters of perfume. If Wendy wanted to make 3 air freshners, how many milliliters of perfume would she use?
- 12) A batch of chicken required  $3\frac{1}{3}$  cups of flour. If a fast food restaurant was making  $4\frac{3}{7}$  batches, how much flour would they need?

1. \_\_\_\_\_
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9. \_\_\_\_\_
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12. \_\_\_\_\_



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Answers

1.  $7\frac{1}{3}$
2.  $14\frac{7}{14}$
3.  $\frac{4}{6}$
4.  $\frac{8}{63}$
5.  $2\frac{2}{14}$
6.  $8\frac{4}{5}$
7.  $12\frac{16}{18}$
8.  $2\frac{3}{6}$
9.  $\frac{1}{4}$
10.  $\frac{5}{14}$
11.  $11\frac{1}{4}$
12.  $14\frac{16}{21}$



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$2 \frac{2}{14}$	$\frac{8}{63}$	$\frac{1}{4}$	$14 \frac{7}{14}$
$\frac{4}{6}$	$2 \frac{3}{6}$	$8 \frac{4}{5}$	$\frac{5}{14}$
	$7 \frac{1}{3}$	$12 \frac{16}{18}$	

**Answers**

1. \_\_\_\_\_
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