

Solve each problem. Write the answer as an improper fraction (if possible).

**Answers**

- 1) Carol's new puppy weighed  $6\frac{2}{6}$  pounds. After a month it had gained  $7\frac{4}{7}$  pounds. What is the weight of the puppy after a month?
- 2) An architect built a road  $3\frac{1}{2}$  miles long. The next road he built was  $4\frac{1}{6}$  miles long. What is the combined length of the two roads?
- 3) During a blizzard it snowed  $7\frac{4}{5}$  inches. After a week the sun had melted  $3\frac{8}{10}$  inches of snow. How many inches of snow is left?
- 4) For Halloween, Tiffany received  $9\frac{2}{5}$  pounds of candy. After a week her family had eaten  $7\frac{6}{7}$  pounds. How many pounds of candy does she have left?
- 5) A full garbage truck weighed  $7\frac{3}{6}$  tons. After dumping the garbage, the truck weighed  $2\frac{1}{3}$  tons. What was the weight of the garbage?
- 6) Janet walked  $2\frac{1}{6}$  miles in the morning and another  $2\frac{1}{3}$  miles in the afternoon. What was the total distance she walked?
- 7) On Monday Luke spent  $10\frac{1}{6}$  hours studying. On Tuesday he spent another  $2\frac{2}{3}$  hours studying. What is the combined time he spent studying?
- 8) Debby had  $3\frac{2}{4}$  cups of flour. If she used  $2\frac{4}{7}$  cups baking, how much flour did she have left?
- 9) A recipe called for using  $10\frac{1}{9}$  cups of flour before baking and another  $3\frac{9}{10}$  cups after baking. What is the total amount of flour needed in the recipe?
- 10) Vanessa's class recycled  $5\frac{2}{10}$  boxes of paper in a month. If they recycled another  $8\frac{1}{5}$  boxes the next month what is the total amount they recycled?

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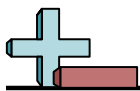


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**Answers**

1.  $\frac{584}{42}$
2.  $\frac{46}{6}$
3.  $\frac{40}{10}$
4.  $\frac{54}{35}$
5.  $\frac{31}{6}$
6.  $\frac{27}{6}$
7.  $\frac{77}{6}$
8.  $\frac{26}{28}$
9.  $\frac{1261}{90}$
10.  $\frac{134}{10}$



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$\frac{31}{6}$

$\frac{40}{10}$

$\frac{584}{42}$

$\frac{77}{6}$

$\frac{26}{28}$

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( LCM = 42 )
- 2) An architect built a road  $3\frac{1}{2}$  miles long. The next road he built was  $4\frac{1}{6}$  miles long. What is the combined length of the two roads?  
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- 4) For Halloween, Tiffany received  $9\frac{2}{5}$  pounds of candy. After a week her family had eaten  $7\frac{6}{7}$  pounds. How many pounds of candy does she have left?  
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( LCM = 28 )
- 9) A recipe called for using  $10\frac{1}{9}$  cups of flour before baking and another  $3\frac{9}{10}$  cups after baking. What is the total amount of flour needed in the recipe?  
( LCM = 90 )
- 10) Vanessa's class recycled  $5\frac{2}{10}$  boxes of paper in a month. If they recycled another  $8\frac{1}{5}$  boxes the next month was is the total amount they recycled?  
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