



Solve each problem.

**Answers**

- 1) On Monday Jerry spent  $3\frac{4}{9}$  hours studying. On Tuesday he spent another  $4\frac{2}{8}$  hours studying. What is the combined time he spent studying?
- 2) An architect built a road  $10\frac{1}{2}$  miles long. The next road he built was  $7\frac{2}{3}$  miles long. What is the combined length of the two roads?
- 3) Tom spent  $4\frac{3}{4}$  hours working on his reading and math homework. If he spent  $2\frac{2}{3}$  hours on his reading homework, how much time did he spend on his math homework?
- 4) A small box of nails was  $6\frac{2}{3}$  inches tall. If the large box of nails was  $9\frac{7}{9}$  inches taller, how tall is the large box of nails?
- 5) While exercising Sam jogged  $3\frac{1}{4}$  kilometers and walked  $10\frac{1}{3}$  kilometers. What is the total distance he traveled?
- 6) Over the weekend Maria spent  $3\frac{2}{3}$  hours total studying. If she spent  $2\frac{2}{5}$  hours studying on Saturday, how long did she study on Sunday?
- 7) A king size chocolate bar was  $17\frac{4}{7}$  inches long. The regular size bar was  $5\frac{2}{5}$  inches long. What is the difference in length between the two bars?
- 8) Lana's class recycled  $5\frac{4}{5}$  boxes of paper in a month. If they recycled another  $9\frac{2}{8}$  boxes the next month what is the total amount they recycled?
- 9) A full garbage truck weighed  $3\frac{2}{5}$  tons. After dumping the garbage, the truck weighed  $2\frac{4}{10}$  tons. What was the weight of the garbage?
- 10) Carol had  $5\frac{1}{4}$  cups of flour. If she used  $3\frac{1}{9}$  cups baking, how much flour did she have left?

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- 8) Lana's class recycled  $5\frac{4}{5}$  boxes of paper in a month. If they recycled another  $9\frac{2}{8}$  boxes the next month what is the total amount they recycled?
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- 10) Carol had  $5\frac{1}{4}$  cups of flour. If she used  $3\frac{1}{9}$  cups baking, how much flour did she have left?

**Answers**

1.  $\frac{554}{72} = \frac{277}{36}$
2.  $\frac{109}{6} = \frac{109}{6}$
3.  $\frac{25}{12} = \frac{25}{12}$
4.  $\frac{148}{9} = \frac{148}{9}$
5.  $\frac{163}{12} = \frac{163}{12}$
6.  $\frac{19}{15} = \frac{19}{15}$
7.  $\frac{426}{35} = \frac{426}{35}$
8.  $\frac{602}{40} = \frac{301}{20}$
9.  $\frac{10}{10} = 1$
10.  $\frac{77}{36} = \frac{77}{36}$



**Solve each problem.**

**Answers**

$$\frac{25}{12} = \frac{25}{12} \quad \frac{163}{12} = \frac{163}{12} \quad \frac{602}{40} = \frac{301}{20} \quad \frac{109}{6} = \frac{109}{6} \quad \frac{77}{36} = \frac{77}{36}$$

$$\frac{426}{35} = \frac{426}{35} \quad \frac{554}{72} = \frac{277}{36} \quad \frac{10}{10} = 1 \quad \frac{19}{15} = \frac{19}{15} \quad \frac{148}{9} = \frac{148}{9}$$

- 1) On Monday Jerry spent  $3\frac{4}{9}$  hours studying. On Tuesday he spent another  $4\frac{2}{8}$  hours studying. What is the combined time he spent studying?  
( LCM = 72 )
- 2) An architect built a road  $10\frac{1}{2}$  miles long. The next road he built was  $7\frac{2}{3}$  miles long. What is the combined length of the two roads?  
( LCM = 6 )
- 3) Tom spent  $4\frac{3}{4}$  hours working on his reading and math homework. If he spent  $2\frac{2}{3}$  hours on his reading homework, how much time did he spend on his math homework?  
( LCM = 12 )
- 4) A small box of nails was  $6\frac{2}{3}$  inches tall. If the large box of nails was  $9\frac{7}{9}$  inches taller, how tall is the large box of nails?  
( LCM = 9 )
- 5) While exercising Sam jogged  $3\frac{1}{4}$  kilometers and walked  $10\frac{1}{3}$  kilometers. What is the total distance he traveled?  
( LCM = 12 )
- 6) Over the weekend Maria spent  $3\frac{2}{3}$  hours total studying. If she spent  $2\frac{2}{5}$  hours studying on Saturday, how long did she study on Sunday?  
( LCM = 15 )
- 7) A king size chocolate bar was  $17\frac{4}{7}$  inches long. The regular size bar was  $5\frac{2}{5}$  inches long. What is the difference in length between the two bars?  
( LCM = 35 )
- 8) Lana's class recycled  $5\frac{4}{5}$  boxes of paper in a month. If they recycled another  $9\frac{2}{8}$  boxes the next month what is the total amount they recycled?  
( LCM = 40 )
- 9) A full garbage truck weighed  $3\frac{2}{5}$  tons. After dumping the garbage, the truck weighed  $2\frac{4}{10}$  tons. What was the weight of the garbage?  
( LCM = 10 )
- 10) Carol had  $5\frac{1}{4}$  cups of flour. If she used  $3\frac{1}{9}$  cups baking, how much flour did she have left?  
( LCM = 36 )

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