



Solve each problem.

**Answers**

- 1) A restaurant had  $5\frac{6}{7}$  gallons of soup at the start of the day. By the end of the day they had  $3\frac{1}{3}$  gallons left. How many gallons of soup did they use during the day?
- 2) A small box of nails was  $6\frac{8}{10}$  inches tall. If the large box of nails was  $6\frac{5}{8}$  inches taller, how tall is the large box of nails?
- 3) A chef bought  $8\frac{1}{2}$  pounds of carrots. If he later bought another  $7\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
- 4) Debby had  $5\frac{1}{8}$  cups of flour. If she used  $4\frac{2}{4}$  cups baking, how much flour did she have left?
- 5) A king size chocolate bar was  $9\frac{4}{7}$  inches long. The regular size bar was  $3\frac{2}{5}$  inches long. What is the difference in length between the two bars?
- 6) On Saturday a restaurant used  $5\frac{6}{8}$  cans of vegetables. On Sunday they used another  $3\frac{5}{6}$  cans. What is the total amount of vegetables they used?
- 7) An empty bulldozer weighed  $2\frac{3}{5}$  tons. If it scooped up  $6\frac{2}{3}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 8) Maria walked  $4\frac{1}{7}$  miles in the morning and another  $4\frac{1}{5}$  miles in the afternoon. What was the total distance she walked?
- 9) On Monday Ned spent  $4\frac{1}{7}$  hours studying. On Tuesday he spent another  $9\frac{5}{10}$  hours studying. What is the combined time he spent studying?
- 10) A large box of nails weighed  $8\frac{5}{10}$  ounces. A small box of nails weighed  $4\frac{2}{9}$  ounces. What is the difference in weight between the two boxes?

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**Answers**

1.  $\frac{53}{21} = \frac{53}{21}$
2.  $\frac{537}{40} = \frac{537}{40}$
3.  $\frac{95}{6} = \frac{95}{6}$
4.  $\frac{5}{8} = \frac{5}{8}$
5.  $\frac{216}{35} = \frac{216}{35}$
6.  $\frac{230}{24} = \frac{115}{12}$
7.  $\frac{139}{15} = \frac{139}{15}$
8.  $\frac{292}{35} = \frac{292}{35}$
9.  $\frac{955}{70} = \frac{191}{14}$
10.  $\frac{385}{90} = \frac{77}{18}$



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**Answers**

$$\frac{216}{35} = \frac{216}{35} \quad \frac{5}{8} = \frac{5}{8} \quad \frac{139}{15} = \frac{139}{15} \quad \frac{955}{70} = \frac{191}{14} \quad \frac{385}{90} = \frac{77}{18}$$

$$\frac{230}{24} = \frac{115}{12} \quad \frac{95}{6} = \frac{95}{6} \quad \frac{292}{35} = \frac{292}{35} \quad \frac{53}{21} = \frac{53}{21} \quad \frac{537}{40} = \frac{537}{40}$$

- 1) A restaurant had  $5\frac{6}{7}$  gallons of soup at the start of the day. By the end of the day they had  $3\frac{1}{3}$  gallons left. How many gallons of soup did they use during the day?  
( LCM = 21 )
- 2) A small box of nails was  $6\frac{8}{10}$  inches tall. If the large box of nails was  $6\frac{5}{8}$  inches taller, how tall is the large box of nails?  
( LCM = 40 )
- 3) A chef bought  $8\frac{1}{2}$  pounds of carrots. If he later bought another  $7\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 6 )
- 4) Debby had  $5\frac{1}{8}$  cups of flour. If she used  $4\frac{2}{4}$  cups baking, how much flour did she have left?  
( LCM = 8 )
- 5) A king size chocolate bar was  $9\frac{4}{7}$  inches long. The regular size bar was  $3\frac{2}{5}$  inches long. What is the difference in length between the two bars?  
( LCM = 35 )
- 6) On Saturday a restaurant used  $5\frac{6}{8}$  cans of vegetables. On Sunday they used another  $3\frac{5}{6}$  cans. What is the total amount of vegetables they used?  
( LCM = 24 )
- 7) An empty bulldozer weighed  $2\frac{3}{5}$  tons. If it scooped up  $6\frac{2}{3}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?  
( LCM = 15 )
- 8) Maria walked  $4\frac{1}{7}$  miles in the morning and another  $4\frac{1}{5}$  miles in the afternoon. What was the total distance she walked?  
( LCM = 35 )
- 9) On Monday Ned spent  $4\frac{1}{7}$  hours studying. On Tuesday he spent another  $9\frac{5}{10}$  hours studying. What is the combined time he spent studying?  
( LCM = 70 )
- 10) A large box of nails weighed  $8\frac{5}{10}$  ounces. A small box of nails weighed  $4\frac{2}{9}$  ounces. What is the difference in weight between the two boxes?  
( LCM = 90 )

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