

**Solve each problem.****Answers**

- 1) Adam jogged  $8\frac{1}{2}$  kilometers on Monday and  $7\frac{3}{9}$  kilometers on Tuesday. What is the difference between these two distances?
- 2) On Monday George spent  $10\frac{1}{3}$  hours studying. On Tuesday he spent another  $4\frac{2}{6}$  hours studying. What is the combined time he spent studying?
- 3) On Saturday a restaurant used  $4\frac{1}{3}$  cans of vegetables. On Sunday they used another  $2\frac{7}{10}$  cans. What is the total amount of vegetables they used?
- 4) A chef bought  $5\frac{1}{4}$  pounds of carrots. If he later bought another  $8\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
- 5) While exercising Oliver travelled  $8\frac{8}{9}$  kilometers. If he walked  $5\frac{5}{8}$  kilometers and jogged the rest, how many kilometers did he jog?
- 6) While exercising Tom jogged  $10\frac{1}{2}$  kilometers and walked  $6\frac{3}{7}$  kilometers. What is the total distance he traveled?
- 7) The combined height of two pieces of wood was  $5\frac{1}{2}$  inches. If the first piece of wood was  $3\frac{4}{5}$  inches high, how tall was the second piece?
- 8) During a blizzard it snowed  $9\frac{3}{9}$  inches. After a week the sun had melted  $8\frac{3}{5}$  inches of snow. How many inches of snow is left?
- 9) For Halloween, Emily received  $6\frac{1}{2}$  pounds of candy. After a week her family had eaten  $4\frac{4}{10}$  pounds. How many pounds of candy does she have left?
- 10) A chef had  $6\frac{5}{8}$  pounds of carrots. If he later used  $4\frac{1}{5}$  pounds in a recipe, how many pounds of carrots does he have left?

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**Answers**

1.  $\frac{21}{18} = \frac{7}{6}$
2.  $\frac{88}{6} = \frac{44}{3}$
3.  $\frac{211}{30} = \frac{211}{30}$
4.  $\frac{163}{12} = \frac{163}{12}$
5.  $\frac{235}{72} = \frac{235}{72}$
6.  $\frac{237}{14} = \frac{237}{14}$
7.  $\frac{17}{10} = \frac{17}{10}$
8.  $\frac{33}{45} = \frac{11}{15}$
9.  $\frac{21}{10} = \frac{21}{10}$
10.  $\frac{97}{40} = \frac{97}{40}$



Solve each problem.

**Answers**

|                                   |                                   |                                   |                                 |                                 |
|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------|---------------------------------|
| $\frac{237}{14} = \frac{237}{14}$ | $\frac{88}{6} = \frac{44}{3}$     | $\frac{235}{72} = \frac{235}{72}$ | $\frac{21}{18} = \frac{7}{6}$   | $\frac{21}{10} = \frac{21}{10}$ |
| $\frac{211}{30} = \frac{211}{30}$ | $\frac{163}{12} = \frac{163}{12}$ | $\frac{97}{40} = \frac{97}{40}$   | $\frac{17}{10} = \frac{17}{10}$ | $\frac{33}{45} = \frac{11}{15}$ |

- 1) Adam jogged  $8\frac{1}{2}$  kilometers on Monday and  $7\frac{3}{9}$  kilometers on Tuesday. What is the difference between these two distances?  
( LCM = 18 )
- 2) On Monday George spent  $10\frac{1}{3}$  hours studying. On Tuesday he spent another  $4\frac{2}{6}$  hours studying. What is the combined time he spent studying?  
( LCM = 6 )
- 3) On Saturday a restaurant used  $4\frac{1}{3}$  cans of vegetables. On Sunday they used another  $2\frac{7}{10}$  cans. What is the total amount of vegetables they used?  
( LCM = 30 )
- 4) A chef bought  $5\frac{1}{4}$  pounds of carrots. If he later bought another  $8\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 12 )
- 5) While exercising Oliver travelled  $8\frac{8}{9}$  kilometers. If he walked  $5\frac{5}{8}$  kilometers and jogged the rest, how many kilometers did he jog?  
( LCM = 72 )
- 6) While exercising Tom jogged  $10\frac{1}{2}$  kilometers and walked  $6\frac{3}{7}$  kilometers. What is the total distance he traveled?  
( LCM = 14 )
- 7) The combined height of two pieces of wood was  $5\frac{1}{2}$  inches. If the first piece of wood was  $3\frac{4}{5}$  inches high, how tall was the second piece?  
( LCM = 10 )
- 8) During a blizzard it snowed  $9\frac{3}{9}$  inches. After a week the sun had melted  $8\frac{3}{5}$  inches of snow. How many inches of snow is left?  
( LCM = 45 )
- 9) For Halloween, Emily received  $6\frac{1}{2}$  pounds of candy. After a week her family had eaten  $4\frac{4}{10}$  pounds. How many pounds of candy does she have left?  
( LCM = 10 )
- 10) A chef had  $6\frac{5}{8}$  pounds of carrots. If he later used  $4\frac{1}{5}$  pounds in a recipe, how many pounds of carrots does he have left?  
( LCM = 40 )

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