



Solve each problem.

**Answers**

- 1) On Monday Sarah spent  $5\frac{5}{7}$  hours studying. On Tuesday she spent another  $2\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?
- 2) While exercising Ned jogged  $8\frac{2}{4}$  kilometers and walked  $9\frac{1}{3}$  kilometers. What is the total distance he traveled?
- 3) Bianca bought a bamboo plant that was  $6\frac{7}{10}$  feet high. After a month it had grown another  $4\frac{5}{9}$  feet. What was the total height of the plant after a month?
- 4) Kaleb jogged  $4\frac{1}{2}$  kilometers on Monday and  $3\frac{4}{9}$  kilometers on Tuesday. What is the difference between these two distances?
- 5) A large box of nails weighed  $7\frac{2}{4}$  ounces. A small box of nails weighed  $6\frac{6}{9}$  ounces. What is the difference in weight between the two boxes?
- 6) On Saturday a restaurant used  $10\frac{2}{4}$  cans of vegetables. On Sunday they used another  $5\frac{1}{5}$  cans. What is the total amount of vegetables they used?
- 7) Maria's new puppy weighed  $8\frac{2}{10}$  pounds. After a month it had gained  $7\frac{1}{7}$  pounds. What is the weight of the puppy after a month?
- 8) An architect built a road  $3\frac{7}{9}$  miles long. The next road he built was  $2\frac{1}{6}$  miles long. What is the combined length of the two roads?
- 9) The combined height of two pieces of wood was  $8\frac{1}{4}$  inches. If the first piece of wood was  $6\frac{1}{2}$  inches high, how tall was the second piece?
- 10) A full garbage truck weighed  $4\frac{1}{10}$  tons. After dumping the garbage, the truck weighed  $2\frac{7}{8}$  tons. What was the weight of the garbage?

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**Answers**

1.  $\frac{115}{14} = \frac{115}{14}$
2.  $\frac{214}{12} = \frac{107}{6}$
3.  $\frac{1013}{90} = \frac{1013}{90}$
4.  $\frac{19}{18} = \frac{19}{18}$
5.  $\frac{30}{36} = \frac{5}{6}$
6.  $\frac{314}{20} = \frac{157}{10}$
7.  $\frac{1074}{70} = \frac{537}{35}$
8.  $\frac{107}{18} = \frac{107}{18}$
9.  $\frac{7}{4} = \frac{7}{4}$
10.  $\frac{49}{40} = \frac{49}{40}$



**Solve each problem.**

**Answers**

$$2\frac{14}{12} = 1\frac{107}{6} \quad 1\frac{9}{18} = 1\frac{19}{18} \quad 1\frac{074}{70} = 1\frac{537}{35} \quad \frac{7}{4} = \frac{7}{4} \quad \frac{49}{40} = \frac{49}{40}$$

$$3\frac{14}{20} = 1\frac{157}{10} \quad 1\frac{013}{90} = 1\frac{1013}{90} \quad \frac{107}{18} = \frac{107}{18} \quad \frac{115}{14} = \frac{115}{14} \quad \frac{30}{36} = \frac{5}{6}$$

- 1) On Monday Sarah spent  $5\frac{5}{7}$  hours studying. On Tuesday she spent another  $2\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?  
( LCM = 14 )
- 2) While exercising Ned jogged  $8\frac{2}{4}$  kilometers and walked  $9\frac{1}{3}$  kilometers. What is the total distance he traveled?  
( LCM = 12 )
- 3) Bianca bought a bamboo plant that was  $6\frac{7}{10}$  feet high. After a month it had grown another  $4\frac{5}{9}$  feet. What was the total height of the plant after a month?  
( LCM = 90 )
- 4) Kaleb jogged  $4\frac{1}{2}$  kilometers on Monday and  $3\frac{4}{9}$  kilometers on Tuesday. What is the difference between these two distances?  
( LCM = 18 )
- 5) A large box of nails weighed  $7\frac{2}{4}$  ounces. A small box of nails weighed  $6\frac{6}{9}$  ounces. What is the difference in weight between the two boxes?  
( LCM = 36 )
- 6) On Saturday a restaurant used  $10\frac{2}{4}$  cans of vegetables. On Sunday they used another  $5\frac{1}{5}$  cans. What is the total amount of vegetables they used?  
( LCM = 20 )
- 7) Maria's new puppy weighed  $8\frac{2}{10}$  pounds. After a month it had gained  $7\frac{1}{7}$  pounds. What is the weight of the puppy after a month?  
( LCM = 70 )
- 8) An architect built a road  $3\frac{7}{9}$  miles long. The next road he built was  $2\frac{1}{6}$  miles long. What is the combined length of the two roads?  
( LCM = 18 )
- 9) The combined height of two pieces of wood was  $8\frac{1}{4}$  inches. If the first piece of wood was  $6\frac{1}{2}$  inches high, how tall was the second piece?  
( LCM = 4 )
- 10) A full garbage truck weighed  $4\frac{1}{10}$  tons. After dumping the garbage, the truck weighed  $2\frac{7}{8}$  tons. What was the weight of the garbage?  
( LCM = 40 )

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