



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

$$2\frac{14}{12} = 1\frac{107}{6} \quad 1\frac{9}{18} = 1\frac{19}{18} \quad 10\frac{74}{70} = 5\frac{37}{35} \quad \frac{7}{4} = \frac{7}{4} \quad \frac{49}{40} = \frac{49}{40}$$

$$3\frac{14}{20} = 1\frac{57}{10} \quad 10\frac{13}{90} = 10\frac{1013}{90} \quad 10\frac{7}{18} = 10\frac{107}{18} \quad 11\frac{5}{14} = 11\frac{115}{14} \quad 3\frac{0}{36} = \frac{5}{6}$$

- 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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