



Solve each problem. Write the answer as an improper fraction (if possible).

Answers

- 1) On Monday Vanessa 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 Luke jogged $8\frac{2}{4}$ kilometers and walked $9\frac{1}{3}$ kilometers. What is the total distance he traveled?
- 3) Lana 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) Edward 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) Sarah'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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10. _____



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



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Answers

$214/12$

$19/18$

$1074/70$

$7/4$

$49/40$

$314/20$

$1013/90$

$107/18$

$115/14$

$30/36$

- 1) On Monday Vanessa 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 Luke jogged $8\frac{2}{4}$ kilometers and walked $9\frac{1}{3}$ kilometers. What is the total distance he traveled?
(LCM = 12)
- 3) Lana 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) Edward 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) Sarah'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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