



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

Answers

- 1) Rachel's class recycled $7\frac{6}{8}$ boxes of paper in a month. If they recycled another $8\frac{4}{8}$ boxes the next month was is the total amount they recycled?
- 2) A small box of nails was $7\frac{2}{3}$ inches tall. If the large box of nails was $6\frac{2}{3}$ inches taller, how tall is the large box of nails?
- 3) An architect built a road $3\frac{1}{3}$ miles long. The next road he built was $6\frac{1}{3}$ miles long. What is the combined length of the two roads?
- 4) At the beach, Luke built a sandcastle that was $2\frac{3}{10}$ feet high. If he added a flag that was $4\frac{4}{10}$ feet high, what is the total height of his creation?
- 5) While exercising Adam jogged $3\frac{1}{3}$ kilometers and walked $6\frac{2}{3}$ kilometers. What is the total distance he traveled?
- 6) Henry jogged $7\frac{1}{5}$ kilometers on Monday and $2\frac{1}{5}$ kilometers on Tuesday. What is the difference between these two distances?
- 7) Nancy had $5\frac{5}{7}$ cups of flour. If she used $4\frac{2}{7}$ cups baking, how much flour did she have left?
- 8) Will drew a line that was $7\frac{8}{9}$ inches long. If he drew a second line that was $2\frac{6}{9}$ inches long, what is the difference between the length of the two lines?
- 9) A full garbage truck weighed $8\frac{1}{3}$ tons. After dumping the garbage, the truck weighed $6\frac{2}{3}$ tons. What was the weight of the garbage?
- 10) A restaurant had $6\frac{2}{3}$ gallons of soup at the start of the day. By the end of the day they had $2\frac{2}{3}$ gallons left. How many gallons of soup did they use during the day?

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Answers

1) Rachel's class recycled $7\frac{6}{8}$ boxes of paper in a month. If they recycled another $8\frac{4}{8}$ boxes the next month, what is the total amount they recycled?

1. $\frac{130}{8}$

2) A small box of nails was $7\frac{2}{3}$ inches tall. If the large box of nails was $6\frac{2}{3}$ inches taller, how tall is the large box of nails?

2. $\frac{43}{3}$

3) An architect built a road $3\frac{1}{3}$ miles long. The next road he built was $6\frac{1}{3}$ miles long. What is the combined length of the two roads?

3. $\frac{29}{3}$

4. $\frac{67}{10}$

4) At the beach, Luke built a sandcastle that was $2\frac{3}{10}$ feet high. If he added a flag that was $4\frac{4}{10}$ feet high, what is the total height of his creation?

5. $\frac{30}{3}$

6. $\frac{25}{5}$

5) While exercising Adam jogged $3\frac{1}{3}$ kilometers and walked $6\frac{2}{3}$ kilometers. What is the total distance he traveled?

7. $\frac{10}{7}$

8. $\frac{47}{9}$

6) Henry jogged $7\frac{1}{5}$ kilometers on Monday and $2\frac{1}{5}$ kilometers on Tuesday. What is the difference between these two distances?

9. $\frac{5}{3}$

10. $\frac{12}{3}$

7) Nancy had $5\frac{5}{7}$ cups of flour. If she used $4\frac{2}{7}$ cups baking, how much flour did she have left?

8) Will drew a line that was $7\frac{8}{9}$ inches long. If he drew a second line that was $2\frac{6}{9}$ inches long, what is the difference between the length of the two lines?

9) A full garbage truck weighed $8\frac{1}{3}$ tons. After dumping the garbage, the truck weighed $6\frac{2}{3}$ tons. What was the weight of the garbage?

10) A restaurant had $6\frac{2}{3}$ gallons of soup at the start of the day. By the end of the day they had $2\frac{2}{3}$ gallons left. How many gallons of soup did they use during the day?



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

Answers

$67/10$

$29/3$

$10/7$

$43/3$

$47/9$

$130/8$

$25/5$

$12/3$

$5/3$

$30/3$

- 1) Rachel's class recycled $7\frac{6}{8}$ boxes of paper in a month. If they recycled another $8\frac{4}{8}$ boxes the next month was is the total amount they recycled?
(LCM = 8)
- 2) A small box of nails was $7\frac{2}{3}$ inches tall. If the large box of nails was $6\frac{2}{3}$ inches taller, how tall is the large box of nails?
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