



Solve each problem.

Answers

- 1) The combined height of two pieces of wood was $9\frac{1}{4}$ inches. If the first piece of wood was $6\frac{1}{4}$ inches high, how tall was the second piece?
- 2) For Halloween, Vanessa received $5\frac{1}{2}$ pounds of candy in the first hour and another $4\frac{1}{2}$ pounds the second hour. How much candy did she get total?
- 3) In two months Lana's class recycled $10\frac{4}{8}$ pounds of paper. If they recycled $4\frac{2}{8}$ pounds the first month, how much did they recycle the second month?
- 4) Sam spent $4\frac{1}{7}$ hours working on his math homework. If he spent another $4\frac{5}{7}$ hours on his reading homework, what is the total time he spent on homework?
- 5) Tom jogged $5\frac{5}{6}$ kilometers on Monday and $4\frac{2}{6}$ kilometers on Tuesday. What is the difference between these two distances?
- 6) An empty bulldozer weighed $2\frac{3}{8}$ tons. If it scooped up $9\frac{4}{8}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 7) Robin had planned to walk $4\frac{1}{2}$ miles on Wednesday. If she walked $2\frac{1}{2}$ miles in the morning, how far would she need to walk in the afternoon?
- 8) At the beach, Edward built a sandcastle that was $3\frac{2}{3}$ feet high. If he added a flag that was $3\frac{2}{3}$ feet high, what is the total height of his creation?
- 9) Katie bought a bamboo plant that was $8\frac{9}{10}$ feet high. When she got it home she cut $7\frac{8}{10}$ feet off of it. How tall was the plant after she cut it down?
- 10) A chef bought $7\frac{6}{7}$ pounds of carrots. If he later bought another $6\frac{3}{7}$ pounds of carrots, what is the total weight of carrots he bought?

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Answers

1. $\frac{12}{4} = \frac{3}{1}$
2. $\frac{20}{2} = \frac{10}{1}$
3. $\frac{50}{8} = \frac{25}{4}$
4. $\frac{62}{7} = \frac{62}{7}$
5. $\frac{9}{6} = \frac{3}{2}$
6. $\frac{95}{8} = \frac{95}{8}$
7. $\frac{4}{2} = \frac{2}{1}$
8. $\frac{22}{3} = \frac{22}{3}$
9. $\frac{11}{10} = \frac{11}{10}$
10. $\frac{100}{7} = \frac{100}{7}$

**Solve each problem.**

$\frac{50}{8} = \frac{25}{4}$

$\frac{100}{7} = \frac{100}{7}$

$\frac{9}{6} = \frac{3}{2}$

$\frac{4}{2} = \frac{2}{1}$

$\frac{95}{8} = \frac{95}{8}$

$\frac{12}{4} = \frac{3}{1}$

$\frac{22}{3} = \frac{22}{3}$

$\frac{20}{2} = \frac{10}{1}$

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$\frac{62}{7} = \frac{62}{7}$

Answers

- 1) The combined height of two pieces of wood was $9\frac{1}{4}$ inches. If the first piece of wood was $6\frac{1}{4}$ inches high, how tall was the second piece?

(LCM = 4)

- 2) For Halloween, Vanessa received $5\frac{1}{2}$ pounds of candy in the first hour and another $4\frac{1}{2}$ pounds the second hour. How much candy did she get total?

(LCM = 2)

- 3) In two months Lana's class recycled $10\frac{4}{8}$ pounds of paper. If they recycled $4\frac{2}{8}$ pounds the first month, how much did they recycle the second month?

(LCM = 8)

- 4) Sam spent $4\frac{1}{7}$ hours working on his math homework. If he spent another $4\frac{5}{7}$ hours on his reading homework, what is the total time he spent on homework?

(LCM = 7)

- 5) Tom jogged $5\frac{5}{6}$ kilometers on Monday and $4\frac{2}{6}$ kilometers on Tuesday. What is the difference between these two distances?

(LCM = 6)

- 6) An empty bulldozer weighed $2\frac{3}{8}$ tons. If it scooped up $9\frac{4}{8}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?

(LCM = 8)

- 7) Robin had planned to walk $4\frac{1}{2}$ miles on Wednesday. If she walked $2\frac{1}{2}$ miles in the morning, how far would she need to walk in the afternoon?

(LCM = 2)

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

(LCM = 3)

- 9) Katie bought a bamboo plant that was $8\frac{9}{10}$ feet high. When she got it home she cut $7\frac{8}{10}$ feet off of it. How tall was the plant after she cut it down?

(LCM = 10)

- 10) A chef bought $7\frac{6}{7}$ pounds of carrots. If he later bought another $6\frac{3}{7}$ pounds of carrots, what is the total weight of carrots he bought?

(LCM = 7)

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