

**Solve each problem.****Answers**

- 1) Adam jogged $8\frac{1}{2}$ kilometers on Monday and $7\frac{1}{2}$ kilometers on Tuesday. What is the difference between these two distances?
- 2) On Monday George spent $10\frac{2}{3}$ hours studying. On Tuesday he spent another $4\frac{1}{3}$ hours studying. What is the combined time he spent studying?
- 3) A coach filled up a cooler with water until it weighed $14\frac{1}{3}$ pounds. After the game the cooler weighed $11\frac{1}{3}$ pounds. How many pounds lighter was the cooler after the game?
- 4) Carol's class recycled $5\frac{2}{4}$ boxes of paper in a month. If they recycled another $8\frac{1}{4}$ boxes the next month what is the total amount they recycled?
- 5) A king size chocolate bar was $11\frac{7}{9}$ inches long. The regular size bar was $8\frac{8}{9}$ inches long. What is the difference in length between the two bars?
- 6) A small box of nails was $10\frac{1}{2}$ inches tall. If the large box of nails was $6\frac{1}{2}$ inches taller, how tall is the large box of nails?
- 7) Lana had planned to walk $5\frac{1}{2}$ miles on Wednesday. If she walked $3\frac{1}{2}$ miles in the morning, how far would she need to walk in the afternoon?
- 8) Mike bought a box of fruit that weighed $2\frac{3}{5}$ kilograms. If he bought a second box that weighed $9\frac{3}{5}$ kilograms, what is the combined weight of both boxes?
- 9) While exercising Victor travelled $16\frac{1}{2}$ kilometers. If he walked $10\frac{1}{2}$ kilometers and jogged the rest, how many kilometers did he jog?
- 10) Gwen bought a bamboo plant that was $3\frac{1}{8}$ feet high. After a month it had grown another $4\frac{5}{8}$ feet. What was the total height of the plant after a month?

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Answers

1. $\frac{2}{2} = 1$
2. $\frac{45}{3} = \frac{15}{1}$
3. $\frac{9}{3} = \frac{3}{1}$
4. $\frac{55}{4} = \frac{55}{4}$
5. $\frac{26}{9} = \frac{26}{9}$
6. $\frac{34}{2} = \frac{17}{1}$
7. $\frac{4}{2} = \frac{2}{1}$
8. $\frac{61}{5} = \frac{61}{5}$
9. $\frac{12}{2} = \frac{6}{1}$
10. $\frac{62}{8} = \frac{31}{4}$



Solve each problem.

$$4\frac{5}{3} = 15\frac{1}{1}$$

$$1\frac{2}{2} = 6\frac{1}{1}$$

$$6\frac{1}{5} = 6\frac{1}{5}$$

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

$$5\frac{5}{4} = 5\frac{5}{4}$$

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

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

$$6\frac{2}{8} = 3\frac{1}{4}$$

$$3\frac{4}{2} = 17\frac{1}{1}$$

$$9\frac{9}{3} = 3\frac{3}{1}$$

Answers

- 1) Adam jogged $8\frac{1}{2}$ kilometers on Monday and $7\frac{1}{2}$ kilometers on Tuesday. What is the difference between these two distances?
(LCM = 2)
- 2) On Monday George spent $10\frac{2}{3}$ hours studying. On Tuesday he spent another $4\frac{1}{3}$ hours studying. What is the combined time he spent studying?
(LCM = 3)
- 3) A coach filled up a cooler with water until it weighed $14\frac{1}{3}$ pounds. After the game the cooler weighed $11\frac{1}{3}$ pounds. How many pounds lighter was the cooler after the game?
(LCM = 3)
- 4) Carol's class recycled $5\frac{2}{4}$ boxes of paper in a month. If they recycled another $8\frac{1}{4}$ boxes the next month was is the total amount they recycled?
(LCM = 4)
- 5) A king size chocolate bar was $11\frac{7}{9}$ inches long. The regular size bar was $8\frac{8}{9}$ inches long. What is the difference in length between the two bars?
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- 6) A small box of nails was $10\frac{1}{2}$ inches tall. If the large box of nails was $6\frac{1}{2}$ inches taller, how tall is the large box of nails?
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- 7) Lana had planned to walk $5\frac{1}{2}$ miles on Wednesday. If she walked $3\frac{1}{2}$ miles in the morning, how far would she need to walk in the afternoon?
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- 8) Mike bought a box of fruit that weighed $2\frac{3}{5}$ kilograms. If he bought a second box that weighed $9\frac{3}{5}$ kilograms, what is the combined weight of both boxes?
(LCM = 5)
- 9) While exercising Victor travelled $16\frac{1}{2}$ kilometers. If he walked $10\frac{1}{2}$ kilometers and jogged the rest, how many kilometers did he jog?
(LCM = 2)
- 10) Gwen bought a bamboo plant that was $3\frac{1}{8}$ feet high. After a month it had grown another $4\frac{5}{8}$ feet. What was the total height of the plant after a month?
(LCM = 8)

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