

**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?  
( LCM = 9 )
  
- 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?  
( LCM = 2 )
  
- 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?  
( LCM = 2 )
  
- 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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