

**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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Solve each problem.

Answers

- 1) During a blizzard it snowed  $12\frac{2}{4}$  inches. After a week the sun had melted  $8\frac{2}{4}$  inches of snow. How many inches of snow is left?
- 2) For Halloween, Carol received  $3\frac{2}{4}$  pounds of candy in the first hour and another  $5\frac{1}{4}$  pounds the second hour. How much candy did she get total?
- 3) A king size chocolate bar was  $9\frac{1}{4}$  inches long. The regular size bar was  $7\frac{1}{4}$  inches long. What is the difference in length between the two bars?
- 4) Will drew a line that was  $9\frac{6}{8}$  inches long. If he drew a second line that was  $4\frac{1}{8}$  inches longer, what is the length of the second line?
- 5) While exercising Kaleb travelled  $3\frac{5}{10}$  kilometers. If he walked  $2\frac{3}{10}$  kilometers and jogged the rest, how many kilometers did he jog?
- 6) At the beach, Victor built a sandcastle that was  $4\frac{3}{6}$  feet high. If he added a flag that was  $3\frac{5}{6}$  feet high, what is the total height of his creation?
- 7) A large box of nails weighed  $10\frac{3}{8}$  ounces. A small box of nails weighed  $8\frac{2}{8}$  ounces. What is the difference in weight between the two boxes?
- 8) While exercising Billy jogged  $2\frac{2}{4}$  kilometers and walked  $10\frac{3}{4}$  kilometers. What is the total distance he traveled?
- 9) John bought a box of fruit that weighed  $9\frac{6}{8}$  kilograms. If he gave away  $2\frac{4}{8}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 10) On Monday Rachel spent  $5\frac{2}{9}$  hours studying. On Tuesday she spent another  $5\frac{7}{9}$  hours studying. What is the combined length of time she spent studying?

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- 4) Will drew a line that was  $9\frac{6}{8}$  inches long. If he drew a second line that was  $4\frac{1}{8}$  inches longer, what is the length of the second line?
- 5) While exercising Kaleb travelled  $3\frac{5}{10}$  kilometers. If he walked  $2\frac{3}{10}$  kilometers and jogged the rest, how many kilometers did he jog?
- 6) At the beach, Victor built a sandcastle that was  $4\frac{3}{6}$  feet high. If he added a flag that was  $3\frac{5}{6}$  feet high, what is the total height of his creation?
- 7) A large box of nails weighed  $10\frac{3}{8}$  ounces. A small box of nails weighed  $8\frac{2}{8}$  ounces. What is the difference in weight between the two boxes?
- 8) While exercising Billy jogged  $2\frac{2}{4}$  kilometers and walked  $10\frac{3}{4}$  kilometers. What is the total distance he traveled?
- 9) John bought a box of fruit that weighed  $9\frac{6}{8}$  kilograms. If he gave away  $2\frac{4}{8}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 10) On Monday Rachel spent  $5\frac{2}{9}$  hours studying. On Tuesday she spent another  $5\frac{7}{9}$  hours studying. What is the combined length of time she spent studying?

**Answers**

1.  $\frac{16}{4} = \frac{4}{1}$
2.  $\frac{35}{4} = \frac{35}{4}$
3.  $\frac{8}{4} = \frac{2}{1}$
4.  $\frac{111}{8} = \frac{111}{8}$
5.  $\frac{12}{10} = \frac{6}{5}$
6.  $\frac{50}{6} = \frac{25}{3}$
7.  $\frac{17}{8} = \frac{17}{8}$
8.  $\frac{53}{4} = \frac{53}{4}$
9.  $\frac{58}{8} = \frac{29}{4}$
10.  $\frac{99}{9} = \frac{11}{1}$


**Solve each problem.**

## Answers

$$16/4 = 4/1$$

$$58/8 = 29/4$$

$$35/4 = 35/4$$

$$12/10 = 6/5$$

$$99/9 = 11/1$$

$$53/4 = 53/4$$

$$111/8 = 111/8$$

$$17/8 = 17/8$$

$$8/4 = 2/1$$

$$50/6 = 25/3$$

- 1) During a blizzard it snowed  $12\frac{2}{4}$  inches. After a week the sun had melted  $8\frac{2}{4}$  inches of snow. How many inches of snow is left?  
( LCM = 4 )
  
- 2) For Halloween, Carol received  $3\frac{2}{4}$  pounds of candy in the first hour and another  $5\frac{1}{4}$  pounds the second hour. How much candy did she get total?  
( LCM = 4 )
  
- 3) A king size chocolate bar was  $9\frac{1}{4}$  inches long. The regular size bar was  $7\frac{1}{4}$  inches long. What is the difference in length between the two bars?  
( LCM = 4 )
  
- 4) Will drew a line that was  $9\frac{6}{8}$  inches long. If he drew a second line that was  $4\frac{1}{8}$  inches longer, what is the length of the second line?  
( LCM = 8 )
  
- 5) While exercising Kaleb travelled  $3\frac{5}{10}$  kilometers. If he walked  $2\frac{3}{10}$  kilometers and jogged the rest, how many kilometers did he jog?  
( LCM = 10 )
  
- 6) At the beach, Victor built a sandcastle that was  $4\frac{3}{6}$  feet high. If he added a flag that was  $3\frac{5}{6}$  feet high, what is the total height of his creation?  
( LCM = 6 )
  
- 7) A large box of nails weighed  $10\frac{3}{8}$  ounces. A small box of nails weighed  $8\frac{2}{8}$  ounces. What is the difference in weight between the two boxes?  
( LCM = 8 )
  
- 8) While exercising Billy jogged  $2\frac{2}{4}$  kilometers and walked  $10\frac{3}{4}$  kilometers. What is the total distance he traveled?  
( LCM = 4 )
  
- 9) John bought a box of fruit that weighed  $9\frac{6}{8}$  kilograms. If he gave away  $2\frac{4}{8}$  kilograms of fruit to his friends, how many kilograms does he have left?  
( LCM = 8 )
  
- 10) On Monday Rachel spent  $5\frac{2}{9}$  hours studying. On Tuesday she spent another  $5\frac{7}{9}$  hours studying. What is the combined length of time she spent studying?  
( LCM = 9 )

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Solve each problem.

**Answers**

- 1) In two months Faye's class recycled  $10\frac{6}{8}$  pounds of paper. If they recycled  $2\frac{4}{8}$  pounds the first month, how much did they recycle the second month?
- 2) Olivia walked  $2\frac{6}{10}$  miles in the morning and another  $5\frac{2}{10}$  miles in the afternoon. What was the total distance she walked?
- 3) Janet had planned to walk  $4\frac{1}{3}$  miles on Wednesday. If she walked  $2\frac{1}{3}$  miles in the morning, how far would she need to walk in the afternoon?
- 4) While exercising Frank jogged  $8\frac{3}{10}$  kilometers and walked  $10\frac{4}{10}$  kilometers. What is the total distance he traveled?
- 5) Over the weekend Amy spent  $4\frac{1}{3}$  hours total studying. If she spent  $2\frac{2}{3}$  hours studying on Saturday, how long did she study on Sunday?
- 6) Haley's new puppy weighed  $5\frac{5}{9}$  pounds. After a month it had gained  $8\frac{4}{9}$  pounds. What is the weight of the puppy after a month?
- 7) Adam drew a line that was  $5\frac{5}{7}$  inches long. If he drew a second line that was  $4\frac{2}{7}$  inches long, what is the difference between the length of the two lines?
- 8) Vanessa bought a bamboo plant that was  $10\frac{8}{9}$  feet high. After a month it had grown another  $5\frac{6}{9}$  feet. What was the total height of the plant after a month?
- 9) Will bought a box of fruit that weighed  $8\frac{1}{3}$  kilograms. If he gave away  $6\frac{2}{3}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 10) In December it snowed  $5\frac{2}{3}$  inches. In January it snowed  $6\frac{2}{3}$  inches. What is the combined amount of snow for December and January?

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Solve each problem.

- 1) In two months Faye's class recycled  $10\frac{6}{8}$  pounds of paper. If they recycled  $2\frac{4}{8}$  pounds the first month, how much did they recycle the second month?
- 2) Olivia walked  $2\frac{6}{10}$  miles in the morning and another  $5\frac{2}{10}$  miles in the afternoon. What was the total distance she walked?
- 3) Janet had planned to walk  $4\frac{1}{3}$  miles on Wednesday. If she walked  $2\frac{1}{3}$  miles in the morning, how far would she need to walk in the afternoon?
- 4) While exercising Frank jogged  $8\frac{3}{10}$  kilometers and walked  $10\frac{4}{10}$  kilometers. What is the total distance he traveled?
- 5) Over the weekend Amy spent  $4\frac{1}{3}$  hours total studying. If she spent  $2\frac{2}{3}$  hours studying on Saturday, how long did she study on Sunday?
- 6) Haley's new puppy weighed  $5\frac{5}{9}$  pounds. After a month it had gained  $8\frac{4}{9}$  pounds. What is the weight of the puppy after a month?
- 7) Adam drew a line that was  $5\frac{5}{7}$  inches long. If he drew a second line that was  $4\frac{2}{7}$  inches long, what is the difference between the length of the two lines?
- 8) Vanessa bought a bamboo plant that was  $10\frac{8}{9}$  feet high. After a month it had grown another  $5\frac{6}{9}$  feet. What was the total height of the plant after a month?
- 9) Will bought a box of fruit that weighed  $8\frac{1}{3}$  kilograms. If he gave away  $6\frac{2}{3}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 10) In December it snowed  $5\frac{2}{3}$  inches. In January it snowed  $6\frac{2}{3}$  inches. What is the combined amount of snow for December and January?

**Answers**

1.  $\frac{66}{8} = \frac{33}{4}$
2.  $\frac{78}{10} = \frac{39}{5}$
3.  $\frac{6}{3} = \frac{2}{1}$
4.  $\frac{187}{10} = \frac{187}{10}$
5.  $\frac{5}{3} = \frac{5}{3}$
6.  $\frac{126}{9} = \frac{14}{1}$
7.  $\frac{10}{7} = \frac{10}{7}$
8.  $\frac{149}{9} = \frac{149}{9}$
9.  $\frac{5}{3} = \frac{5}{3}$
10.  $\frac{37}{3} = \frac{37}{3}$





Solve each problem.

**Answers**

$$187/10 = 187/10$$

$$6/3 = 2/1$$

$$10/7 = 10/7$$

$$78/10 = 39/5$$

$$149/9 = 149/9$$

$$66/8 = 33/4$$

$$126/9 = 14/1$$

$$37/3 = 37/3$$

$$5/3 = 5/3$$

$$5/3 = 5/3$$

1) In two months Faye's class recycled  $10\frac{6}{8}$  pounds of paper. If they recycled  $2\frac{4}{8}$  pounds the first month, how much did they recycle the second month?

( LCM = 8 )

2) Olivia walked  $2\frac{6}{10}$  miles in the morning and another  $5\frac{2}{10}$  miles in the afternoon. What was the total distance she walked?

( LCM = 10 )

3) Janet had planned to walk  $4\frac{1}{3}$  miles on Wednesday. If she walked  $2\frac{1}{3}$  miles in the morning, how far would she need to walk in the afternoon?

( LCM = 3 )

4) While exercising Frank jogged  $8\frac{3}{10}$  kilometers and walked  $10\frac{4}{10}$  kilometers. What is the total distance he traveled?

( LCM = 10 )

5) Over the weekend Amy spent  $4\frac{1}{3}$  hours total studying. If she spent  $2\frac{2}{3}$  hours studying on Saturday, how long did she study on Sunday?

( LCM = 3 )

6) Haley's new puppy weighed  $5\frac{5}{9}$  pounds. After a month it had gained  $8\frac{4}{9}$  pounds. What is the weight of the puppy after a month?

( LCM = 9 )

7) Adam drew a line that was  $5\frac{5}{7}$  inches long. If he drew a second line that was  $4\frac{2}{7}$  inches long, what is the difference between the length of the two lines?

( LCM = 7 )

8) Vanessa bought a bamboo plant that was  $10\frac{8}{9}$  feet high. After a month it had grown another  $5\frac{6}{9}$  feet. What was the total height of the plant after a month?

( LCM = 9 )

9) Will bought a box of fruit that weighed  $8\frac{1}{3}$  kilograms. If he gave away  $6\frac{2}{3}$  kilograms of fruit to his friends, how many kilograms does he have left?

( LCM = 3 )

10) In December it snowed  $5\frac{2}{3}$  inches. In January it snowed  $6\frac{2}{3}$  inches. What is the combined amount of snow for December and January?

( LCM = 3 )

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Solve each problem.

**Answers**

- 1) A restaurant had  $5\frac{2}{7}$  gallons of soup at the start of the day. By the end of the day they had  $3\frac{6}{7}$  gallons left. How many gallons of soup did they use during the day?
- 2) A small box of nails was  $6\frac{7}{10}$  inches tall. If the large box of nails was  $6\frac{8}{10}$  inches taller, how tall is the large box of nails?
- 3) Janet had  $7\frac{1}{2}$  cups of flour. If she used  $3\frac{1}{2}$  cups baking, how much flour did she have left?
- 4) A chef bought  $2\frac{5}{8}$  pounds of carrots. If he later bought another  $10\frac{1}{8}$  pounds of carrots, what is the total weight of carrots he bought?
- 5) A king size chocolate bar was  $9\frac{6}{7}$  inches long. The regular size bar was  $3\frac{1}{7}$  inches long. What is the difference in length between the two bars?
- 6) On Saturday a restaurant used  $5\frac{2}{8}$  cans of vegetables. On Sunday they used another  $3\frac{6}{8}$  cans. What is the total amount of vegetables they used?
- 7) Katie had planned to walk  $4\frac{2}{5}$  miles on Wednesday. If she walked  $3\frac{3}{5}$  miles in the morning, how far would she need to walk in the afternoon?
- 8) Maria's class recycled  $6\frac{4}{7}$  boxes of paper in a month. If they recycled another  $10\frac{1}{7}$  boxes the next month what is the total amount they recycled?
- 9) Ned drew a line that was  $4\frac{6}{7}$  inches long. If he drew a second line that was  $2\frac{1}{7}$  inches long, what is the difference between the length of the two lines?
- 10) On Monday Luke spent  $5\frac{8}{10}$  hours studying. On Tuesday he spent another  $4\frac{5}{10}$  hours studying. What is the combined time he spent studying?

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- 3) Janet had  $7\frac{1}{2}$  cups of flour. If she used  $3\frac{1}{2}$  cups baking, how much flour did she have left?
- 4) A chef bought  $2\frac{5}{8}$  pounds of carrots. If he later bought another  $10\frac{1}{8}$  pounds of carrots, what is the total weight of carrots he bought?
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- 7) Katie had planned to walk  $4\frac{2}{5}$  miles on Wednesday. If she walked  $3\frac{3}{5}$  miles in the morning, how far would she need to walk in the afternoon?
- 8) Maria's class recycled  $6\frac{4}{7}$  boxes of paper in a month. If they recycled another  $10\frac{1}{7}$  boxes the next month what is the total amount they recycled?
- 9) Ned drew a line that was  $4\frac{6}{7}$  inches long. If he drew a second line that was  $2\frac{1}{7}$  inches long, what is the difference between the length of the two lines?
- 10) On Monday Luke spent  $5\frac{8}{10}$  hours studying. On Tuesday he spent another  $4\frac{5}{10}$  hours studying. What is the combined time he spent studying?

**Answers**

1.  $\frac{10}{7} = \frac{10}{7}$
2.  $\frac{135}{10} = \frac{27}{2}$
3.  $\frac{8}{2} = \frac{4}{1}$
4.  $\frac{102}{8} = \frac{51}{4}$
5.  $\frac{47}{7} = \frac{47}{7}$
6.  $\frac{72}{8} = \frac{9}{1}$
7.  $\frac{4}{5} = \frac{4}{5}$
8.  $\frac{117}{7} = \frac{117}{7}$
9.  $\frac{19}{7} = \frac{19}{7}$
10.  $\frac{103}{10} = \frac{103}{10}$



Solve each problem.

**Answers**

$\frac{19}{7} = \frac{19}{7}$	$\frac{10}{7} = \frac{10}{7}$	$\frac{135}{10} = \frac{27}{2}$	$\frac{117}{7} = \frac{117}{7}$	$\frac{72}{8} = \frac{9}{1}$
$\frac{4}{5} = \frac{4}{5}$	$\frac{102}{8} = \frac{51}{4}$	$\frac{8}{2} = \frac{4}{1}$	$\frac{47}{7} = \frac{47}{7}$	$\frac{103}{10} = \frac{103}{10}$

1) A restaurant had  $5\frac{2}{7}$  gallons of soup at the start of the day. By the end of the day they had  $3\frac{6}{7}$  gallons left. How many gallons of soup did they use during the day?  
( LCM = 7 )

1. \_\_\_\_\_

2) A small box of nails was  $6\frac{7}{10}$  inches tall. If the large box of nails was  $6\frac{8}{10}$  inches taller, how tall is the large box of nails?  
( LCM = 10 )

2. \_\_\_\_\_

3) Janet had  $7\frac{1}{2}$  cups of flour. If she used  $3\frac{1}{2}$  cups baking, how much flour did she have left?  
( LCM = 2 )

3. \_\_\_\_\_

4) A chef bought  $2\frac{5}{8}$  pounds of carrots. If he later bought another  $10\frac{1}{8}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 8 )

4. \_\_\_\_\_

5) A king size chocolate bar was  $9\frac{6}{7}$  inches long. The regular size bar was  $3\frac{1}{7}$  inches long. What is the difference in length between the two bars?  
( LCM = 7 )

5. \_\_\_\_\_

6) On Saturday a restaurant used  $5\frac{2}{8}$  cans of vegetables. On Sunday they used another  $3\frac{6}{8}$  cans. What is the total amount of vegetables they used?  
( LCM = 8 )

6. \_\_\_\_\_

7) Katie had planned to walk  $4\frac{2}{5}$  miles on Wednesday. If she walked  $3\frac{3}{5}$  miles in the morning, how far would she need to walk in the afternoon?  
( LCM = 5 )

7. \_\_\_\_\_

8) Maria's class recycled  $6\frac{4}{7}$  boxes of paper in a month. If they recycled another  $10\frac{1}{7}$  boxes the next month what is the total amount they recycled?  
( LCM = 7 )

8. \_\_\_\_\_

9) Ned drew a line that was  $4\frac{6}{7}$  inches long. If he drew a second line that was  $2\frac{1}{7}$  inches long, what is the difference between the length of the two lines?  
( LCM = 7 )

9. \_\_\_\_\_

10) On Monday Luke spent  $5\frac{8}{10}$  hours studying. On Tuesday he spent another  $4\frac{5}{10}$  hours studying. What is the combined time he spent studying?  
( LCM = 10 )

10. \_\_\_\_\_



Solve each problem.

Answers

- 1) Amy bought a bamboo plant that was  $9\frac{3}{6}$  feet high. When she got it home she cut  $7\frac{5}{6}$  feet off of it. How tall was the plant after she cut it down?
- 2) A small box of nails was  $6\frac{9}{10}$  inches tall. If the large box of nails was  $4\frac{7}{10}$  inches taller, how tall is the large box of nails?
- 3) For Halloween, Nancy received  $8\frac{1}{4}$  pounds of candy. After a week her family had eaten  $5\frac{1}{4}$  pounds. How many pounds of candy does she have left?
- 4) On Monday Paul spent  $2\frac{1}{5}$  hours studying. On Tuesday he spent another  $6\frac{3}{5}$  hours studying. What is the combined time he spent studying?
- 5) A coach filled up a cooler with water until it weighed  $7\frac{2}{4}$  pounds. After the game the cooler weighed  $4\frac{1}{4}$  pounds. How many pounds lighter was the cooler after the game?
- 6) Janet bought a bamboo plant that was  $2\frac{4}{5}$  feet high. After a month it had grown another  $3\frac{2}{5}$  feet. What was the total height of the plant after a month?
- 7) Maria had  $8\frac{1}{4}$  cups of flour. If she used  $3\frac{3}{4}$  cups baking, how much flour did she have left?
- 8) At the beach, Jerry built a sandcastle that was  $4\frac{6}{9}$  feet high. If he added a flag that was  $4\frac{6}{9}$  feet high, what is the total height of his creation?
- 9) John spent  $10\frac{5}{8}$  hours working on his reading and math homework. If he spent  $2\frac{1}{8}$  hours on his reading homework, how much time did he spend on his math homework?
- 10) On Monday Carol spent  $3\frac{3}{4}$  hours studying. On Tuesday she spent another  $5\frac{2}{4}$  hours studying. What is the combined length of time she spent studying?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

- 1) Amy bought a bamboo plant that was  $9\frac{3}{6}$  feet high. When she got it home she cut  $7\frac{5}{6}$  feet off of it. How tall was the plant after she cut it down?
- 2) A small box of nails was  $6\frac{9}{10}$  inches tall. If the large box of nails was  $4\frac{7}{10}$  inches taller, how tall is the large box of nails?
- 3) For Halloween, Nancy received  $8\frac{1}{4}$  pounds of candy. After a week her family had eaten  $5\frac{1}{4}$  pounds. How many pounds of candy does she have left?
- 4) On Monday Paul spent  $2\frac{1}{5}$  hours studying. On Tuesday he spent another  $6\frac{3}{5}$  hours studying. What is the combined time he spent studying?
- 5) A coach filled up a cooler with water until it weighed  $7\frac{2}{4}$  pounds. After the game the cooler weighed  $4\frac{1}{4}$  pounds. How many pounds lighter was the cooler after the game?
- 6) Janet bought a bamboo plant that was  $2\frac{4}{5}$  feet high. After a month it had grown another  $3\frac{2}{5}$  feet. What was the total height of the plant after a month?
- 7) Maria had  $8\frac{1}{4}$  cups of flour. If she used  $3\frac{3}{4}$  cups baking, how much flour did she have left?
- 8) At the beach, Jerry built a sandcastle that was  $4\frac{6}{9}$  feet high. If he added a flag that was  $4\frac{6}{9}$  feet high, what is the total height of his creation?
- 9) John spent  $10\frac{5}{8}$  hours working on his reading and math homework. If he spent  $2\frac{1}{8}$  hours on his reading homework, how much time did he spend on his math homework?
- 10) On Monday Carol spent  $3\frac{3}{4}$  hours studying. On Tuesday she spent another  $5\frac{2}{4}$  hours studying. What is the combined length of time she spent studying?

**Answers**

1.  $\frac{10}{6} = \frac{5}{3}$
2.  $\frac{116}{10} = \frac{58}{5}$
3.  $\frac{12}{4} = \frac{3}{1}$
4.  $\frac{44}{5} = \frac{44}{5}$
5.  $\frac{13}{4} = \frac{13}{4}$
6.  $\frac{31}{5} = \frac{31}{5}$
7.  $\frac{18}{4} = \frac{9}{2}$
8.  $\frac{84}{9} = \frac{28}{3}$
9.  $\frac{68}{8} = \frac{17}{2}$
10.  $\frac{37}{4} = \frac{37}{4}$



Solve each problem.

**Answers**

$116/10 = 58/5$	$68/8 = 17/2$	$12/4 = 3/1$	$37/4 = 37/4$	$31/5 = 31/5$
$18/4 = 9/2$	$44/5 = 44/5$	$84/9 = 28/3$	$10/6 = 5/3$	$13/4 = 13/4$

- 1) Amy bought a bamboo plant that was  $9\frac{3}{6}$  feet high. When she got it home she cut  $7\frac{5}{6}$  feet off of it. How tall was the plant after she cut it down?  
( LCM = 6 )
- 2) A small box of nails was  $6\frac{9}{10}$  inches tall. If the large box of nails was  $4\frac{7}{10}$  inches taller, how tall is the large box of nails?  
( LCM = 10 )
- 3) For Halloween, Nancy received  $8\frac{1}{4}$  pounds of candy. After a week her family had eaten  $5\frac{1}{4}$  pounds. How many pounds of candy does she have left?  
( LCM = 4 )
- 4) On Monday Paul spent  $2\frac{1}{5}$  hours studying. On Tuesday he spent another  $6\frac{3}{5}$  hours studying. What is the combined time he spent studying?  
( LCM = 5 )
- 5) A coach filled up a cooler with water until it weighed  $7\frac{2}{4}$  pounds. After the game the cooler weighed  $4\frac{1}{4}$  pounds. How many pounds lighter was the cooler after the game?  
( LCM = 4 )
- 6) Janet bought a bamboo plant that was  $2\frac{4}{5}$  feet high. After a month it had grown another  $3\frac{2}{5}$  feet. What was the total height of the plant after a month?  
( LCM = 5 )
- 7) Maria had  $8\frac{1}{4}$  cups of flour. If she used  $3\frac{3}{4}$  cups baking, how much flour did she have left?  
( LCM = 4 )
- 8) At the beach, Jerry built a sandcastle that was  $4\frac{6}{9}$  feet high. If he added a flag that was  $4\frac{6}{9}$  feet high, what is the total height of his creation?  
( LCM = 9 )
- 9) John spent  $10\frac{5}{8}$  hours working on his reading and math homework. If he spent  $2\frac{1}{8}$  hours on his reading homework, how much time did he spend on his math homework?  
( LCM = 8 )
- 10) On Monday Carol spent  $3\frac{3}{4}$  hours studying. On Tuesday she spent another  $5\frac{2}{4}$  hours studying. What is the combined length of time she spent studying?  
( LCM = 4 )

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

**Answers**

- 1) Debby bought a bamboo plant that was  $8\frac{1}{10}$  feet high. When she got it home she cut  $7\frac{1}{10}$  feet off of it. How tall was the plant after she cut it down?
- 2) On Monday Olivia spent  $3\frac{1}{2}$  hours studying. On Tuesday she spent another  $5\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?
- 3) During a blizzard it snowed  $3\frac{6}{8}$  inches. After a week the sun had melted  $2\frac{5}{8}$  inches of snow. How many inches of snow is left?
- 4) George bought a box of fruit that weighed  $2\frac{8}{9}$  kilograms. If he bought a second box that weighed  $7\frac{6}{9}$  kilograms, what is the combined weight of both boxes?
- 5) In two months Janet's class recycled  $4\frac{5}{6}$  pounds of paper. If they recycled  $2\frac{5}{6}$  pounds the first month, how much did they recycle the second month?
- 6) An empty bulldozer weighed  $2\frac{2}{5}$  tons. If it scooped up  $9\frac{4}{5}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 7) Sam drew a line that was  $4\frac{5}{8}$  inches long. If he drew a second line that was  $2\frac{3}{8}$  inches long, what is the difference between the length of the two lines?
- 8) Carol walked  $5\frac{3}{8}$  miles in the morning and another  $4\frac{6}{8}$  miles in the afternoon. What was the total distance she walked?
- 9) Bianca and her friend were seeing who could pick up more bags of cans. Bianca picked up  $10\frac{6}{7}$  bags and her friend picked up  $2\frac{3}{7}$  bags. How much more did Bianca pick up, then her friend?
- 10) A recipe called for using  $7\frac{1}{2}$  cups of flour before baking and another  $9\frac{1}{2}$  cups after baking. What is the total amount of flour needed in the recipe?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_





Solve each problem.

- 1) Debby bought a bamboo plant that was  $8\frac{1}{10}$  feet high. When she got it home she cut  $7\frac{1}{10}$  feet off of it. How tall was the plant after she cut it down?
- 2) On Monday Olivia spent  $3\frac{1}{2}$  hours studying. On Tuesday she spent another  $5\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?
- 3) During a blizzard it snowed  $3\frac{6}{8}$  inches. After a week the sun had melted  $2\frac{5}{8}$  inches of snow. How many inches of snow is left?
- 4) George bought a box of fruit that weighed  $2\frac{8}{9}$  kilograms. If he bought a second box that weighed  $7\frac{6}{9}$  kilograms, what is the combined weight of both boxes?
- 5) In two months Janet's class recycled  $4\frac{5}{6}$  pounds of paper. If they recycled  $2\frac{5}{6}$  pounds the first month, how much did they recycle the second month?
- 6) An empty bulldozer weighed  $2\frac{2}{5}$  tons. If it scooped up  $9\frac{4}{5}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 7) Sam drew a line that was  $4\frac{5}{8}$  inches long. If he drew a second line that was  $2\frac{3}{8}$  inches long, what is the difference between the length of the two lines?
- 8) Carol walked  $5\frac{3}{8}$  miles in the morning and another  $4\frac{6}{8}$  miles in the afternoon. What was the total distance she walked?
- 9) Bianca and her friend were seeing who could pick up more bags of cans. Bianca picked up  $10\frac{6}{7}$  bags and her friend picked up  $2\frac{3}{7}$  bags. How much more did Bianca pick up, then her friend?
- 10) A recipe called for using  $7\frac{1}{2}$  cups of flour before baking and another  $9\frac{1}{2}$  cups after baking. What is the total amount of flour needed in the recipe?

**Answers**

1.  $\frac{10}{10} = 1$
2.  $\frac{18}{2} = \frac{9}{1}$
3.  $\frac{9}{8} = \frac{9}{8}$
4.  $\frac{95}{9} = \frac{95}{9}$
5.  $\frac{12}{6} = \frac{2}{1}$
6.  $\frac{61}{5} = \frac{61}{5}$
7.  $\frac{18}{8} = \frac{9}{4}$
8.  $\frac{81}{8} = \frac{81}{8}$
9.  $\frac{59}{7} = \frac{59}{7}$
10.  $\frac{34}{2} = \frac{17}{1}$



Solve each problem.

**Answers**

$$\frac{9}{8} = \frac{9}{8}$$

$$\frac{12}{6} = \frac{2}{1}$$

$$\frac{61}{5} = \frac{61}{5}$$

$$\frac{59}{7} = \frac{59}{7}$$

$$\frac{18}{2} = \frac{9}{1}$$

$$\frac{95}{9} = \frac{95}{9}$$

$$\frac{18}{8} = \frac{9}{4}$$

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

$$\frac{34}{2} = \frac{17}{1}$$

$$\frac{81}{8} = \frac{81}{8}$$

- 1) Debby bought a bamboo plant that was  $8\frac{1}{10}$  feet high. When she got it home she cut  $7\frac{1}{10}$  feet off of it. How tall was the plant after she cut it down?

( LCM = 10 )

- 2) On Monday Olivia spent  $3\frac{1}{2}$  hours studying. On Tuesday she spent another  $5\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?

( LCM = 2 )

- 3) During a blizzard it snowed  $3\frac{6}{8}$  inches. After a week the sun had melted  $2\frac{5}{8}$  inches of snow. How many inches of snow is left?

( LCM = 8 )

- 4) George bought a box of fruit that weighed  $2\frac{8}{9}$  kilograms. If he bought a second box that weighed  $7\frac{6}{9}$  kilograms, what is the combined weight of both boxes?

( LCM = 9 )

- 5) In two months Janet's class recycled  $4\frac{5}{6}$  pounds of paper. If they recycled  $2\frac{5}{6}$  pounds the first month, how much did they recycle the second month?

( LCM = 6 )

- 6) An empty bulldozer weighed  $2\frac{2}{5}$  tons. If it scooped up  $9\frac{4}{5}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?

( LCM = 5 )

- 7) Sam drew a line that was  $4\frac{5}{8}$  inches long. If he drew a second line that was  $2\frac{3}{8}$  inches long, what is the difference between the length of the two lines?

( LCM = 8 )

- 8) Carol walked  $5\frac{3}{8}$  miles in the morning and another  $4\frac{6}{8}$  miles in the afternoon. What was the total distance she walked?

( LCM = 8 )

- 9) Bianca and her friend were seeing who could pick up more bags of cans. Bianca picked up  $10\frac{6}{7}$  bags and her friend picked up  $2\frac{3}{7}$  bags. How much more did Bianca pick up, then her friend?

( LCM = 7 )

- 10) A recipe called for using  $7\frac{1}{2}$  cups of flour before baking and another  $9\frac{1}{2}$  cups after baking. What is the total amount of flour needed in the recipe?

( LCM = 2 )

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

**Answers**

- 1) Over the weekend Sarah spent  $3\frac{1}{7}$  hours total studying. If she spent  $2\frac{5}{7}$  hours studying on Saturday, how long did she study on Sunday?
- 2) Lana walked  $5\frac{5}{8}$  miles in the morning and another  $5\frac{1}{8}$  miles in the afternoon. What was the total distance she walked?
- 3) Bianca had  $8\frac{9}{10}$  cups of flour. If she used  $6\frac{8}{10}$  cups baking, how much flour did she have left?
- 4) Emily's new puppy weighed  $8\frac{1}{8}$  pounds. After a month it had gained  $7\frac{6}{8}$  pounds. What is the weight of the puppy after a month?
- 5) The combined height of two pieces of wood was  $7\frac{2}{4}$  inches. If the first piece of wood was  $6\frac{2}{4}$  inches high, how tall was the second piece?
- 6) On Monday Frank spent  $10\frac{1}{4}$  hours studying. On Tuesday he spent another  $5\frac{2}{4}$  hours studying. What is the combined time he spent studying?
- 7) Sam jogged  $7\frac{9}{10}$  kilometers on Monday and  $3\frac{6}{10}$  kilometers on Tuesday. What is the difference between these two distances?
- 8) A chef bought  $9\frac{1}{2}$  pounds of carrots. If he later bought another  $3\frac{1}{2}$  pounds of carrots, what is the total weight of carrots he bought?
- 9) During a blizzard it snowed  $9\frac{1}{4}$  inches. After a week the sun had melted  $4\frac{1}{4}$  inches of snow. How many inches of snow is left?
- 10) While exercising Victor jogged  $9\frac{7}{10}$  kilometers and walked  $9\frac{1}{10}$  kilometers. What is the total distance he traveled?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

- Over the weekend Sarah spent  $3\frac{1}{7}$  hours total studying. If she spent  $2\frac{5}{7}$  hours studying on Saturday, how long did she study on Sunday?
- Lana walked  $5\frac{5}{8}$  miles in the morning and another  $5\frac{1}{8}$  miles in the afternoon. What was the total distance she walked?
- Bianca had  $8\frac{9}{10}$  cups of flour. If she used  $6\frac{8}{10}$  cups baking, how much flour did she have left?
- Emily's new puppy weighed  $8\frac{1}{8}$  pounds. After a month it had gained  $7\frac{6}{8}$  pounds. What is the weight of the puppy after a month?
- The combined height of two pieces of wood was  $7\frac{2}{4}$  inches. If the first piece of wood was  $6\frac{2}{4}$  inches high, how tall was the second piece?
- On Monday Frank spent  $10\frac{1}{4}$  hours studying. On Tuesday he spent another  $5\frac{2}{4}$  hours studying. What is the combined time he spent studying?
- Sam jogged  $7\frac{9}{10}$  kilometers on Monday and  $3\frac{6}{10}$  kilometers on Tuesday. What is the difference between these two distances?
- A chef bought  $9\frac{1}{2}$  pounds of carrots. If he later bought another  $3\frac{1}{2}$  pounds of carrots, what is the total weight of carrots he bought?
- During a blizzard it snowed  $9\frac{1}{4}$  inches. After a week the sun had melted  $4\frac{1}{4}$  inches of snow. How many inches of snow is left?
- While exercising Victor jogged  $9\frac{7}{10}$  kilometers and walked  $9\frac{1}{10}$  kilometers. What is the total distance he traveled?

**Answers**

- $\frac{3}{7} = \frac{3}{7}$
- $\frac{86}{8} = \frac{43}{4}$
- $\frac{21}{10} = \frac{21}{10}$
- $\frac{127}{8} = \frac{127}{8}$
- $\frac{4}{4} = 1$
- $\frac{63}{4} = \frac{63}{4}$
- $\frac{43}{10} = \frac{43}{10}$
- $\frac{26}{2} = \frac{13}{1}$
- $\frac{20}{4} = \frac{5}{1}$
- $\frac{188}{10} = \frac{94}{5}$



Solve each problem.

**Answers**

$\frac{188}{10} = \frac{94}{5}$	$\frac{26}{2} = \frac{13}{1}$	$\frac{43}{10} = \frac{43}{10}$	$\frac{63}{4} = \frac{63}{4}$	$\frac{20}{4} = \frac{5}{1}$
$\frac{3}{7} = \frac{3}{7}$	$\frac{86}{8} = \frac{43}{4}$	$\frac{21}{10} = \frac{21}{10}$	$\frac{127}{8} = \frac{127}{8}$	$\frac{4}{4} = 1$

1) Over the weekend Sarah spent  $3\frac{1}{7}$  hours total studying. If she spent  $2\frac{5}{7}$  hours studying on Saturday, how long did she study on Sunday?  
( LCM = 7 )

1. \_\_\_\_\_

2) Lana walked  $5\frac{5}{8}$  miles in the morning and another  $5\frac{1}{8}$  miles in the afternoon. What was the total distance she walked?  
( LCM = 8 )

2. \_\_\_\_\_

3) Bianca had  $8\frac{9}{10}$  cups of flour. If she used  $6\frac{8}{10}$  cups baking, how much flour did she have left?  
( LCM = 10 )

3. \_\_\_\_\_

4) Emily's new puppy weighed  $8\frac{1}{8}$  pounds. After a month it had gained  $7\frac{6}{8}$  pounds. What is the weight of the puppy after a month?  
( LCM = 8 )

4. \_\_\_\_\_

5) The combined height of two pieces of wood was  $7\frac{2}{4}$  inches. If the first piece of wood was  $6\frac{2}{4}$  inches high, how tall was the second piece?  
( LCM = 4 )

5. \_\_\_\_\_

6) On Monday Frank spent  $10\frac{1}{4}$  hours studying. On Tuesday he spent another  $5\frac{2}{4}$  hours studying. What is the combined time he spent studying?  
( LCM = 4 )

6. \_\_\_\_\_

7) Sam jogged  $7\frac{9}{10}$  kilometers on Monday and  $3\frac{6}{10}$  kilometers on Tuesday. What is the difference between these two distances?  
( LCM = 10 )

7. \_\_\_\_\_

8) A chef bought  $9\frac{1}{2}$  pounds of carrots. If he later bought another  $3\frac{1}{2}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 2 )

8. \_\_\_\_\_

9) During a blizzard it snowed  $9\frac{1}{4}$  inches. After a week the sun had melted  $4\frac{1}{4}$  inches of snow. How many inches of snow is left?  
( LCM = 4 )

9. \_\_\_\_\_

10) While exercising Victor jogged  $9\frac{7}{10}$  kilometers and walked  $9\frac{1}{10}$  kilometers. What is the total distance he traveled?  
( LCM = 10 )

10. \_\_\_\_\_



Solve each problem.

**Answers**

- 1) Janet bought a bamboo plant that was  $3\frac{1}{4}$  feet high. When she got it home she cut  $2\frac{3}{4}$  feet off of it. How tall was the plant after she cut it down?
- 2) A chef bought  $5\frac{1}{3}$  pounds of carrots. If he later bought another  $8\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
- 3) The combined height of two pieces of wood was  $4\frac{1}{3}$  inches. If the first piece of wood was  $2\frac{1}{3}$  inches high, how tall was the second piece?
- 4) Paul spent  $4\frac{2}{10}$  hours working on his math homework. If he spent another  $2\frac{5}{10}$  hours on his reading homework, what is the total time he spent on homework?
- 5) For Halloween, Amy received  $10\frac{1}{5}$  pounds of candy. After a week her family had eaten  $6\frac{1}{5}$  pounds. How many pounds of candy does she have left?
- 6) At the beach, Cody built a sandcastle that was  $3\frac{7}{8}$  feet high. If he added a flag that was  $3\frac{7}{8}$  feet high, what is the total height of his creation?
- 7) While exercising George travelled  $20\frac{1}{8}$  kilometers. If he walked  $18\frac{3}{8}$  kilometers and jogged the rest, how many kilometers did he jog?
- 8) Lana's class recycled  $8\frac{1}{2}$  boxes of paper in a month. If they recycled another  $10\frac{1}{2}$  boxes the next month what is the total amount they recycled?
- 9) A restaurant had  $19\frac{2}{4}$  gallons of soup at the start of the day. By the end of the day they had  $7\frac{1}{4}$  gallons left. How many gallons of soup did they use during the day?
- 10) Sarah's new puppy weighed  $4\frac{1}{2}$  pounds. After a month it had gained  $8\frac{1}{2}$  pounds. What is the weight of the puppy after a month?

1. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

- 1) Janet bought a bamboo plant that was  $3\frac{1}{4}$  feet high. When she got it home she cut  $2\frac{3}{4}$  feet off of it. How tall was the plant after she cut it down?
- 2) A chef bought  $5\frac{1}{3}$  pounds of carrots. If he later bought another  $8\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
- 3) The combined height of two pieces of wood was  $4\frac{1}{3}$  inches. If the first piece of wood was  $2\frac{1}{3}$  inches high, how tall was the second piece?
- 4) Paul spent  $4\frac{2}{10}$  hours working on his math homework. If he spent another  $2\frac{5}{10}$  hours on his reading homework, what is the total time he spent on homework?
- 5) For Halloween, Amy received  $10\frac{1}{5}$  pounds of candy. After a week her family had eaten  $6\frac{1}{5}$  pounds. How many pounds of candy does she have left?
- 6) At the beach, Cody built a sandcastle that was  $3\frac{7}{8}$  feet high. If he added a flag that was  $3\frac{7}{8}$  feet high, what is the total height of his creation?
- 7) While exercising George travelled  $20\frac{1}{8}$  kilometers. If he walked  $18\frac{3}{8}$  kilometers and jogged the rest, how many kilometers did he jog?
- 8) Lana's class recycled  $8\frac{1}{2}$  boxes of paper in a month. If they recycled another  $10\frac{1}{2}$  boxes the next month what is the total amount they recycled?
- 9) A restaurant had  $19\frac{2}{4}$  gallons of soup at the start of the day. By the end of the day they had  $7\frac{1}{4}$  gallons left. How many gallons of soup did they use during the day?
- 10) Sarah's new puppy weighed  $4\frac{1}{2}$  pounds. After a month it had gained  $8\frac{1}{2}$  pounds. What is the weight of the puppy after a month?

**Answers**

1.  $\frac{2}{4} = \frac{1}{2}$
2.  $\frac{41}{3} = \frac{41}{3}$
3.  $\frac{6}{3} = \frac{2}{1}$
4.  $\frac{67}{10} = \frac{67}{10}$
5.  $\frac{20}{5} = \frac{4}{1}$
6.  $\frac{62}{8} = \frac{31}{4}$
7.  $\frac{14}{8} = \frac{7}{4}$
8.  $\frac{38}{2} = \frac{19}{1}$
9.  $\frac{49}{4} = \frac{49}{4}$
10.  $\frac{26}{2} = \frac{13}{1}$



Solve each problem.

**Answers**

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

$$\frac{26}{2} = \frac{13}{1}$$

$$\frac{20}{5} = \frac{4}{1}$$

$$\frac{14}{8} = \frac{7}{4}$$

$$\frac{62}{8} = \frac{31}{4}$$

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

$$\frac{38}{2} = \frac{19}{1}$$

$$\frac{67}{10} = \frac{67}{10}$$

$$\frac{49}{4} = \frac{49}{4}$$

$$\frac{41}{3} = \frac{41}{3}$$

- 1) Janet bought a bamboo plant that was  $3\frac{1}{4}$  feet high. When she got it home she cut  $2\frac{3}{4}$  feet off of it. How tall was the plant after she cut it down?  
( LCM = 4 )
- 2) A chef bought  $5\frac{1}{3}$  pounds of carrots. If he later bought another  $8\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 3 )
- 3) The combined height of two pieces of wood was  $4\frac{1}{3}$  inches. If the first piece of wood was  $2\frac{1}{3}$  inches high, how tall was the second piece?  
( LCM = 3 )
- 4) Paul spent  $4\frac{2}{10}$  hours working on his math homework. If he spent another  $2\frac{5}{10}$  hours on his reading homework, what is the total time he spent on homework?  
( LCM = 10 )
- 5) For Halloween, Amy received  $10\frac{1}{5}$  pounds of candy. After a week her family had eaten  $6\frac{1}{5}$  pounds. How many pounds of candy does she have left?  
( LCM = 5 )
- 6) At the beach, Cody built a sandcastle that was  $3\frac{7}{8}$  feet high. If he added a flag that was  $3\frac{7}{8}$  feet high, what is the total height of his creation?  
( LCM = 8 )
- 7) While exercising George travelled  $20\frac{1}{8}$  kilometers. If he walked  $18\frac{3}{8}$  kilometers and jogged the rest, how many kilometers did he jog?  
( LCM = 8 )
- 8) Lana's class recycled  $8\frac{1}{2}$  boxes of paper in a month. If they recycled another  $10\frac{1}{2}$  boxes the next month was is the total amount they recycled?  
( LCM = 2 )
- 9) A restaurant had  $19\frac{2}{4}$  gallons of soup at the start of the day. By the end of the day they had  $7\frac{1}{4}$  gallons left. How many gallons of soup did they use during the day?  
( LCM = 4 )
- 10) Sarah's new puppy weighed  $4\frac{1}{2}$  pounds. After a month it had gained  $8\frac{1}{2}$  pounds. What is the weight of the puppy after a month?  
( LCM = 2 )

1. \_\_\_\_\_
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6. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_





Solve each problem.

**Answers**

- 1) Dave bought a box of fruit that weighed  $5\frac{4}{9}$  kilograms. If he gave away  $4\frac{3}{9}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 2) Luke drew a line that was  $7\frac{3}{5}$  inches long. If he drew a second line that was  $10\frac{1}{5}$  inches longer, what is the length of the second line?
- 3) Katie bought a bamboo plant that was  $4\frac{1}{2}$  feet high. When she got it home she cut  $2\frac{1}{2}$  feet off of it. How tall was the plant after she cut it down?
- 4) At the beach, Victor built a sandcastle that was  $3\frac{2}{3}$  feet high. If he added a flag that was  $4\frac{2}{3}$  feet high, what is the total height of his creation?
- 5) During a blizzard it snowed  $14\frac{2}{3}$  inches. After a week the sun had melted  $11\frac{2}{3}$  inches of snow. How many inches of snow is left?
- 6) A chef bought  $10\frac{2}{9}$  pounds of carrots. If he later bought another  $6\frac{4}{9}$  pounds of carrots, what is the total weight of carrots he bought?
- 7) The combined height of two pieces of wood was  $9\frac{6}{9}$  inches. If the first piece of wood was  $6\frac{7}{9}$  inches high, how tall was the second piece?
- 8) In December it snowed  $10\frac{4}{5}$  inches. In January it snowed  $2\frac{3}{5}$  inches. What is the combined amount of snow for December and January?
- 9) Debby had planned to walk  $4\frac{1}{10}$  miles on Wednesday. If she walked  $3\frac{9}{10}$  miles in the morning, how far would she need to walk in the afternoon?
- 10) While exercising Ned jogged  $6\frac{1}{5}$  kilometers and walked  $8\frac{1}{5}$  kilometers. What is the total distance he traveled?

1. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

- 1) Dave bought a box of fruit that weighed  $5\frac{4}{9}$  kilograms. If he gave away  $4\frac{3}{9}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 2) Luke drew a line that was  $7\frac{3}{5}$  inches long. If he drew a second line that was  $10\frac{1}{5}$  inches longer, what is the length of the second line?
- 3) Katie bought a bamboo plant that was  $4\frac{1}{2}$  feet high. When she got it home she cut  $2\frac{1}{2}$  feet off of it. How tall was the plant after she cut it down?
- 4) At the beach, Victor built a sandcastle that was  $3\frac{2}{3}$  feet high. If he added a flag that was  $4\frac{2}{3}$  feet high, what is the total height of his creation?
- 5) During a blizzard it snowed  $14\frac{2}{3}$  inches. After a week the sun had melted  $11\frac{2}{3}$  inches of snow. How many inches of snow is left?
- 6) A chef bought  $10\frac{2}{9}$  pounds of carrots. If he later bought another  $6\frac{4}{9}$  pounds of carrots, what is the total weight of carrots he bought?
- 7) The combined height of two pieces of wood was  $9\frac{6}{9}$  inches. If the first piece of wood was  $6\frac{7}{9}$  inches high, how tall was the second piece?
- 8) In December it snowed  $10\frac{4}{5}$  inches. In January it snowed  $2\frac{3}{5}$  inches. What is the combined amount of snow for December and January?
- 9) Debby had planned to walk  $4\frac{1}{10}$  miles on Wednesday. If she walked  $3\frac{9}{10}$  miles in the morning, how far would she need to walk in the afternoon?
- 10) While exercising Ned jogged  $6\frac{1}{5}$  kilometers and walked  $8\frac{1}{5}$  kilometers. What is the total distance he traveled?

**Answers**

1.  $\frac{10}{9} = \frac{10}{9}$
2.  $\frac{89}{5} = \frac{89}{5}$
3.  $\frac{4}{2} = \frac{2}{1}$
4.  $\frac{25}{3} = \frac{25}{3}$
5.  $\frac{9}{3} = \frac{3}{1}$
6.  $\frac{150}{9} = \frac{50}{3}$
7.  $\frac{26}{9} = \frac{26}{9}$
8.  $\frac{67}{5} = \frac{67}{5}$
9.  $\frac{2}{10} = \frac{1}{5}$
10.  $\frac{72}{5} = \frac{72}{5}$



Solve each problem.

$$\frac{25}{3} = \frac{25}{3}$$

$$\frac{2}{10} = \frac{1}{5}$$

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

$$\frac{26}{9} = \frac{26}{9}$$

$$\frac{72}{5} = \frac{72}{5}$$

$$\frac{89}{5} = \frac{89}{5}$$

$$\frac{150}{9} = \frac{50}{3}$$

$$\frac{67}{5} = \frac{67}{5}$$

$$\frac{10}{9} = \frac{10}{9}$$

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

**Answers**

- 1) Dave bought a box of fruit that weighed  $5\frac{4}{9}$  kilograms. If he gave away  $4\frac{3}{9}$  kilograms of fruit to his friends, how many kilograms does he have left?  
( LCM = 9 )
- 2) Luke drew a line that was  $7\frac{3}{5}$  inches long. If he drew a second line that was  $10\frac{1}{5}$  inches longer, what is the length of the second line?  
( LCM = 5 )
- 3) Katie bought a bamboo plant that was  $4\frac{1}{2}$  feet high. When she got it home she cut  $2\frac{1}{2}$  feet off of it. How tall was the plant after she cut it down?  
( LCM = 2 )
- 4) At the beach, Victor built a sandcastle that was  $3\frac{2}{3}$  feet high. If he added a flag that was  $4\frac{2}{3}$  feet high, what is the total height of his creation?  
( LCM = 3 )
- 5) During a blizzard it snowed  $14\frac{2}{3}$  inches. After a week the sun had melted  $11\frac{2}{3}$  inches of snow. How many inches of snow is left?  
( LCM = 3 )
- 6) A chef bought  $10\frac{2}{9}$  pounds of carrots. If he later bought another  $6\frac{4}{9}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 9 )
- 7) The combined height of two pieces of wood was  $9\frac{6}{9}$  inches. If the first piece of wood was  $6\frac{7}{9}$  inches high, how tall was the second piece?  
( LCM = 9 )
- 8) In December it snowed  $10\frac{4}{5}$  inches. In January it snowed  $2\frac{3}{5}$  inches. What is the combined amount of snow for December and January?  
( LCM = 5 )
- 9) Debby had planned to walk  $4\frac{1}{10}$  miles on Wednesday. If she walked  $3\frac{9}{10}$  miles in the morning, how far would she need to walk in the afternoon?  
( LCM = 10 )
- 10) While exercising Ned jogged  $6\frac{1}{5}$  kilometers and walked  $8\frac{1}{5}$  kilometers. What is the total distance he traveled?  
( LCM = 5 )

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10. \_\_\_\_\_



Solve each problem.

**Answers**

- 1) A chef had  $6\frac{3}{6}$  pounds of carrots. If he later used  $5\frac{2}{6}$  pounds in a recipe, how many pounds of carrots does he have left?
- 2) On Monday Jerry spent  $3\frac{7}{8}$  hours studying. On Tuesday he spent another  $3\frac{1}{8}$  hours studying. What is the combined time he spent studying?
- 3) Victor bought a box of fruit that weighed  $10\frac{1}{3}$  kilograms. If he gave away  $3\frac{2}{3}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 4) On Monday Isabel spent  $3\frac{1}{7}$  hours studying. On Tuesday she spent another  $4\frac{1}{7}$  hours studying. What is the combined length of time she spent studying?
- 5) During a blizzard it snowed  $7\frac{3}{10}$  inches. After a week the sun had melted  $5\frac{3}{10}$  inches of snow. How many inches of snow is left?
- 6) Nancy's class recycled  $2\frac{1}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{4}$  boxes the next month was is the total amount they recycled?
- 7) Amy bought a bamboo plant that was  $6\frac{6}{7}$  feet high. When she got it home she cut  $3\frac{2}{7}$  feet off of it. How tall was the plant after she cut it down?
- 8) At the beach, Paul built a sandcastle that was  $3\frac{4}{10}$  feet high. If he added a flag that was  $3\frac{7}{10}$  feet high, what is the total height of his creation?
- 9) The combined height of two pieces of wood was  $5\frac{4}{6}$  inches. If the first piece of wood was  $4\frac{1}{6}$  inches high, how tall was the second piece?
- 10) Dave drew a line that was  $8\frac{1}{5}$  inches long. If he drew a second line that was  $9\frac{1}{5}$  inches longer, what is the length of the second line?

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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

- 1) A chef had  $6\frac{3}{6}$  pounds of carrots. If he later used  $5\frac{2}{6}$  pounds in a recipe, how many pounds of carrots does he have left?
- 2) On Monday Jerry spent  $3\frac{7}{8}$  hours studying. On Tuesday he spent another  $3\frac{1}{8}$  hours studying. What is the combined time he spent studying?
- 3) Victor bought a box of fruit that weighed  $10\frac{1}{3}$  kilograms. If he gave away  $3\frac{2}{3}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 4) On Monday Isabel spent  $3\frac{1}{7}$  hours studying. On Tuesday she spent another  $4\frac{1}{7}$  hours studying. What is the combined length of time she spent studying?
- 5) During a blizzard it snowed  $7\frac{3}{10}$  inches. After a week the sun had melted  $5\frac{3}{10}$  inches of snow. How many inches of snow is left?
- 6) Nancy's class recycled  $2\frac{1}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{4}$  boxes the next month was is the total amount they recycled?
- 7) Amy bought a bamboo plant that was  $6\frac{6}{7}$  feet high. When she got it home she cut  $3\frac{2}{7}$  feet off of it. How tall was the plant after she cut it down?
- 8) At the beach, Paul built a sandcastle that was  $3\frac{4}{10}$  feet high. If he added a flag that was  $3\frac{7}{10}$  feet high, what is the total height of his creation?
- 9) The combined height of two pieces of wood was  $5\frac{4}{6}$  inches. If the first piece of wood was  $4\frac{1}{6}$  inches high, how tall was the second piece?
- 10) Dave drew a line that was  $8\frac{1}{5}$  inches long. If he drew a second line that was  $9\frac{1}{5}$  inches longer, what is the length of the second line?

**Answers**

1.  $\frac{7}{6} = \frac{7}{6}$
2.  $\frac{56}{8} = \frac{7}{1}$
3.  $\frac{20}{3} = \frac{20}{3}$
4.  $\frac{51}{7} = \frac{51}{7}$
5.  $\frac{20}{10} = \frac{2}{1}$
6.  $\frac{22}{4} = \frac{11}{2}$
7.  $\frac{25}{7} = \frac{25}{7}$
8.  $\frac{71}{10} = \frac{71}{10}$
9.  $\frac{9}{6} = \frac{3}{2}$
10.  $\frac{87}{5} = \frac{87}{5}$



Solve each problem.

$$\frac{22}{4} = \frac{11}{2}$$

$$\frac{25}{7} = \frac{25}{7}$$

$$\frac{20}{3} = \frac{20}{3}$$

$$\frac{7}{6} = \frac{7}{6}$$

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

$$\frac{56}{8} = \frac{7}{1}$$

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

$$\frac{87}{5} = \frac{87}{5}$$

$$\frac{51}{7} = \frac{51}{7}$$

$$\frac{71}{10} = \frac{71}{10}$$

- 1) A chef had  $6\frac{3}{6}$  pounds of carrots. If he later used  $5\frac{2}{6}$  pounds in a recipe, how many pounds of carrots does he have left?  
( LCM = 6 )
  
- 2) On Monday Jerry spent  $3\frac{7}{8}$  hours studying. On Tuesday he spent another  $3\frac{1}{8}$  hours studying. What is the combined time he spent studying?  
( LCM = 8 )
  
- 3) Victor bought a box of fruit that weighed  $10\frac{1}{3}$  kilograms. If he gave away  $3\frac{2}{3}$  kilograms of fruit to his friends, how many kilograms does he have left?  
( LCM = 3 )
  
- 4) On Monday Isabel spent  $3\frac{1}{7}$  hours studying. On Tuesday she spent another  $4\frac{1}{7}$  hours studying. What is the combined length of time she spent studying?  
( LCM = 7 )
  
- 5) During a blizzard it snowed  $7\frac{3}{10}$  inches. After a week the sun had melted  $5\frac{3}{10}$  inches of snow. How many inches of snow is left?  
( LCM = 10 )
  
- 6) Nancy's class recycled  $2\frac{1}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{4}$  boxes the next month was is the total amount they recycled?  
( LCM = 4 )
  
- 7) Amy bought a bamboo plant that was  $6\frac{6}{7}$  feet high. When she got it home she cut  $3\frac{2}{7}$  feet off of it. How tall was the plant after she cut it down?  
( LCM = 7 )
  
- 8) At the beach, Paul built a sandcastle that was  $3\frac{4}{10}$  feet high. If he added a flag that was  $3\frac{7}{10}$  feet high, what is the total height of his creation?  
( LCM = 10 )
  
- 9) The combined height of two pieces of wood was  $5\frac{4}{6}$  inches. If the first piece of wood was  $4\frac{1}{6}$  inches high, how tall was the second piece?  
( LCM = 6 )
  
- 10) Dave drew a line that was  $8\frac{1}{5}$  inches long. If he drew a second line that was  $9\frac{1}{5}$  inches longer, what is the length of the second line?  
( LCM = 5 )

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_