

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

- 1) Adam jogged  $8\frac{1}{2}$  kilometers on Monday and  $7\frac{3}{9}$  kilometers on Tuesday. What is the difference between these two distances?
- 2) On Monday George spent  $10\frac{1}{3}$  hours studying. On Tuesday he spent another  $4\frac{2}{6}$  hours studying. What is the combined time he spent studying?
- 3) On Saturday a restaurant used  $4\frac{1}{3}$  cans of vegetables. On Sunday they used another  $2\frac{7}{10}$  cans. What is the total amount of vegetables they used?
- 4) A chef bought  $5\frac{1}{4}$  pounds of carrots. If he later bought another  $8\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
- 5) While exercising Oliver travelled  $8\frac{8}{9}$  kilometers. If he walked  $5\frac{5}{8}$  kilometers and jogged the rest, how many kilometers did he jog?
- 6) While exercising Tom jogged  $10\frac{1}{2}$  kilometers and walked  $6\frac{3}{7}$  kilometers. What is the total distance he traveled?
- 7) The combined height of two pieces of wood was  $5\frac{1}{2}$  inches. If the first piece of wood was  $3\frac{4}{5}$  inches high, how tall was the second piece?
- 8) During a blizzard it snowed  $9\frac{3}{9}$  inches. After a week the sun had melted  $8\frac{3}{5}$  inches of snow. How many inches of snow is left?
- 9) For Halloween, Emily received  $6\frac{1}{2}$  pounds of candy. After a week her family had eaten  $4\frac{4}{10}$  pounds. How many pounds of candy does she have left?
- 10) A chef had  $6\frac{5}{8}$  pounds of carrots. If he later used  $4\frac{1}{5}$  pounds in a recipe, how many pounds of carrots does he have left?

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Solve each problem.

- 1) Adam jogged  $8\frac{1}{2}$  kilometers on Monday and  $7\frac{3}{9}$  kilometers on Tuesday. What is the difference between these two distances?
- 2) On Monday George spent  $10\frac{1}{3}$  hours studying. On Tuesday he spent another  $4\frac{2}{6}$  hours studying. What is the combined time he spent studying?
- 3) On Saturday a restaurant used  $4\frac{1}{3}$  cans of vegetables. On Sunday they used another  $2\frac{7}{10}$  cans. What is the total amount of vegetables they used?
- 4) A chef bought  $5\frac{1}{4}$  pounds of carrots. If he later bought another  $8\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
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- 7) The combined height of two pieces of wood was  $5\frac{1}{2}$  inches. If the first piece of wood was  $3\frac{4}{5}$  inches high, how tall was the second piece?
- 8) During a blizzard it snowed  $9\frac{3}{9}$  inches. After a week the sun had melted  $8\frac{3}{5}$  inches of snow. How many inches of snow is left?
- 9) For Halloween, Emily received  $6\frac{1}{2}$  pounds of candy. After a week her family had eaten  $4\frac{4}{10}$  pounds. How many pounds of candy does she have left?
- 10) A chef had  $6\frac{5}{8}$  pounds of carrots. If he later used  $4\frac{1}{5}$  pounds in a recipe, how many pounds of carrots does he have left?

**Answers**

1.  $\frac{21}{18} = \frac{7}{6}$
2.  $\frac{88}{6} = \frac{44}{3}$
3.  $\frac{211}{30} = \frac{211}{30}$
4.  $\frac{163}{12} = \frac{163}{12}$
5.  $\frac{235}{72} = \frac{235}{72}$
6.  $\frac{237}{14} = \frac{237}{14}$
7.  $\frac{17}{10} = \frac{17}{10}$
8.  $\frac{33}{45} = \frac{11}{15}$
9.  $\frac{21}{10} = \frac{21}{10}$
10.  $\frac{97}{40} = \frac{97}{40}$



Solve each problem.

**Answers**

$\frac{237}{14} = \frac{237}{14}$	$\frac{88}{6} = \frac{44}{3}$	$\frac{235}{72} = \frac{235}{72}$	$\frac{21}{18} = \frac{7}{6}$	$\frac{21}{10} = \frac{21}{10}$
$\frac{211}{30} = \frac{211}{30}$	$\frac{163}{12} = \frac{163}{12}$	$\frac{97}{40} = \frac{97}{40}$	$\frac{17}{10} = \frac{17}{10}$	$\frac{33}{45} = \frac{11}{15}$

- 1) Adam jogged  $8\frac{1}{2}$  kilometers on Monday and  $7\frac{3}{9}$  kilometers on Tuesday. What is the difference between these two distances?  
( LCM = 18 )
- 2) On Monday George spent  $10\frac{1}{3}$  hours studying. On Tuesday he spent another  $4\frac{2}{6}$  hours studying. What is the combined time he spent studying?  
( LCM = 6 )
- 3) On Saturday a restaurant used  $4\frac{1}{3}$  cans of vegetables. On Sunday they used another  $2\frac{7}{10}$  cans. What is the total amount of vegetables they used?  
( LCM = 30 )
- 4) A chef bought  $5\frac{1}{4}$  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 = 12 )
- 5) While exercising Oliver travelled  $8\frac{8}{9}$  kilometers. If he walked  $5\frac{5}{8}$  kilometers and jogged the rest, how many kilometers did he jog?  
( LCM = 72 )
- 6) While exercising Tom jogged  $10\frac{1}{2}$  kilometers and walked  $6\frac{3}{7}$  kilometers. What is the total distance he traveled?  
( LCM = 14 )
- 7) The combined height of two pieces of wood was  $5\frac{1}{2}$  inches. If the first piece of wood was  $3\frac{4}{5}$  inches high, how tall was the second piece?  
( LCM = 10 )
- 8) During a blizzard it snowed  $9\frac{3}{9}$  inches. After a week the sun had melted  $8\frac{3}{5}$  inches of snow. How many inches of snow is left?  
( LCM = 45 )
- 9) For Halloween, Emily received  $6\frac{1}{2}$  pounds of candy. After a week her family had eaten  $4\frac{4}{10}$  pounds. How many pounds of candy does she have left?  
( LCM = 10 )
- 10) A chef had  $6\frac{5}{8}$  pounds of carrots. If he later used  $4\frac{1}{5}$  pounds in a recipe, how many pounds of carrots does he have left?  
( LCM = 40 )

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Solve each problem.

**Answers**

- 1) In December it snowed  $10\frac{2}{4}$  inches. In January it snowed  $10\frac{6}{9}$  inches. What is the combined amount of snow for December and January?
- 2) For Halloween, Carol received  $8\frac{1}{4}$  pounds of candy. After a week her family had eaten  $5\frac{1}{6}$  pounds. How many pounds of candy does she have left?
- 3) A regular size chocolate bar was  $8\frac{1}{4}$  inches long. If the king size bar was  $8\frac{1}{2}$  inches longer, what is the length of the king size bar?
- 4) Will drew a line that was  $4\frac{1}{8}$  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?
- 5) While exercising Kaleb jogged  $2\frac{3}{10}$  kilometers and walked  $6\frac{5}{6}$  kilometers. What is the total distance he traveled?
- 6) Vanessa's class recycled  $4\frac{5}{6}$  boxes of paper in a month. If they recycled another  $6\frac{2}{10}$  boxes the next month what is the total amount they recycled?
- 7) Ned spent  $10\frac{2}{8}$  hours working on his reading and math homework. If he spent  $8\frac{5}{10}$  hours on his reading homework, how much time did he spend on his math homework?
- 8) Billy drew a line that was  $2\frac{3}{4}$  inches long. If he drew a second line that was  $10\frac{1}{6}$  inches longer, what is the length of the second line?
- 9) A coach filled up a cooler with water until it weighed  $13\frac{4}{8}$  pounds. After the game the cooler weighed  $6\frac{1}{6}$  pounds. How many pounds lighter was the cooler after the game?
- 10) A chef had  $9\frac{1}{2}$  pounds of carrots. If he later used  $6\frac{7}{9}$  pounds in a recipe, how many pounds of carrots does he have left?

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Solve each problem.

- 1) In December it snowed  $10\frac{2}{4}$  inches. In January it snowed  $10\frac{6}{9}$  inches. What is the combined amount of snow for December and January?
- 2) For Halloween, Carol received  $8\frac{1}{4}$  pounds of candy. After a week her family had eaten  $5\frac{1}{6}$  pounds. How many pounds of candy does she have left?
- 3) A regular size chocolate bar was  $8\frac{1}{4}$  inches long. If the king size bar was  $8\frac{1}{2}$  inches longer, what is the length of the king size bar?
- 4) Will drew a line that was  $4\frac{1}{8}$  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?
- 5) While exercising Kaleb jogged  $2\frac{3}{10}$  kilometers and walked  $6\frac{5}{6}$  kilometers. What is the total distance he traveled?
- 6) Vanessa's class recycled  $4\frac{5}{6}$  boxes of paper in a month. If they recycled another  $6\frac{2}{10}$  boxes the next month what is the total amount they recycled?
- 7) Ned spent  $10\frac{2}{8}$  hours working on his reading and math homework. If he spent  $8\frac{5}{10}$  hours on his reading homework, how much time did he spend on his math homework?
- 8) Billy drew a line that was  $2\frac{3}{4}$  inches long. If he drew a second line that was  $10\frac{1}{6}$  inches longer, what is the length of the second line?
- 9) A coach filled up a cooler with water until it weighed  $13\frac{4}{8}$  pounds. After the game the cooler weighed  $6\frac{1}{6}$  pounds. How many pounds lighter was the cooler after the game?
- 10) A chef had  $9\frac{1}{2}$  pounds of carrots. If he later used  $6\frac{7}{9}$  pounds in a recipe, how many pounds of carrots does he have left?

**Answers**

1.  $\frac{762}{36} = \frac{127}{6}$
2.  $\frac{37}{12} = \frac{37}{12}$
3.  $\frac{67}{4} = \frac{67}{4}$
4.  $\frac{105}{72} = \frac{35}{24}$
5.  $\frac{274}{30} = \frac{137}{15}$
6.  $\frac{331}{30} = \frac{331}{30}$
7.  $\frac{70}{40} = \frac{7}{4}$
8.  $\frac{155}{12} = \frac{155}{12}$
9.  $\frac{176}{24} = \frac{22}{3}$
10.  $\frac{49}{18} = \frac{49}{18}$



**Solve each problem.**

**Answers**

$$\begin{array}{cccccc} 762/36 = 127/6 & 176/24 = 22/3 & 37/12 = 37/12 & 274/30 = 137/15 & 49/18 = 49/18 \\ 155/12 = 155/12 & 105/72 = 35/24 & 70/40 = 7/4 & 67/4 = 67/4 & 331/30 = 331/30 \end{array}$$

- 1) In December it snowed  $10\frac{2}{4}$  inches. In January it snowed  $10\frac{6}{9}$  inches. What is the combined amount of snow for December and January?  
( LCM = 36 )
- 2) For Halloween, Carol received  $8\frac{1}{4}$  pounds of candy. After a week her family had eaten  $5\frac{1}{6}$  pounds. How many pounds of candy does she have left?  
( LCM = 12 )
- 3) A regular size chocolate bar was  $8\frac{1}{4}$  inches long. If the king size bar was  $8\frac{1}{2}$  inches longer, what is the length of the king size bar?  
( LCM = 4 )
- 4) Will drew a line that was  $4\frac{1}{8}$  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?  
( LCM = 72 )
- 5) While exercising Kaleb jogged  $2\frac{3}{10}$  kilometers and walked  $6\frac{5}{6}$  kilometers. What is the total distance he traveled?  
( LCM = 30 )
- 6) Vanessa's class recycled  $4\frac{5}{6}$  boxes of paper in a month. If they recycled another  $6\frac{2}{10}$  boxes the next month was is the total amount they recycled?  
( LCM = 30 )
- 7) Ned spent  $10\frac{2}{8}$  hours working on his reading and math homework. If he spent  $8\frac{5}{10}$  hours on his reading homework, how much time did he spend on his math homework?  
( LCM = 40 )
- 8) Billy drew a line that was  $2\frac{3}{4}$  inches long. If he drew a second line that was  $10\frac{1}{6}$  inches longer, what is the length of the second line?  
( LCM = 12 )
- 9) A coach filled up a cooler with water until it weighed  $13\frac{4}{8}$  pounds. After the game the cooler weighed  $6\frac{1}{6}$  pounds. How many pounds lighter was the cooler after the game?  
( LCM = 24 )
- 10) A chef had  $9\frac{1}{2}$  pounds of carrots. If he later used  $6\frac{7}{9}$  pounds in a recipe, how many pounds of carrots does he have left?  
( LCM = 18 )

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Solve each problem.

**Answers**

- 1) Faye's class recycled  $7\frac{7}{8}$  boxes of paper in a month. If they recycled another  $8\frac{1}{9}$  boxes the next month was is the total amount they recycled?
- 2) Olivia had planned to walk  $3\frac{2}{10}$  miles on Wednesday. If she walked  $2\frac{1}{7}$  miles in the morning, how far would she need to walk in the afternoon?
- 3) While exercising Billy travelled  $4\frac{1}{3}$  kilometers. If he walked  $2\frac{6}{7}$  kilometers and jogged the rest, how many kilometers did he jog?
- 4) Frank jogged  $3\frac{1}{4}$  kilometers on Monday and  $2\frac{3}{5}$  kilometers on Tuesday. What is the difference between these two distances?
- 5) A recipe called for using  $3\frac{1}{3}$  cups of flour before baking and another  $6\frac{1}{5}$  cups after baking. What is the total amount of flour needed in the recipe?
- 6) The combined height of two pieces of wood was  $3\frac{4}{9}$  inches. If the first piece of wood was  $2\frac{4}{10}$  inches high, how tall was the second piece?
- 7) Maria bought a bamboo plant that was  $4\frac{6}{9}$  feet high. After a month it had grown another  $5\frac{3}{7}$  feet. What was the total height of the plant after a month?
- 8) A small box of nails was  $10\frac{6}{9}$  inches tall. If the large box of nails was  $6\frac{1}{3}$  inches taller, how tall is the large box of nails?
- 9) Will bought a box of fruit that weighed  $9\frac{2}{3}$  kilograms. If he bought a second box that weighed  $9\frac{3}{6}$  kilograms, what is the combined weight of both boxes?
- 10) Over the weekend Nancy spent  $3\frac{2}{3}$  hours total studying. If she spent  $2\frac{3}{9}$  hours studying on Saturday, how long did she study on Sunday?

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Solve each problem.

- 1) Faye's class recycled  $7\frac{7}{8}$  boxes of paper in a month. If they recycled another  $8\frac{1}{9}$  boxes the next month was is the total amount they recycled?
- 2) Olivia had planned to walk  $3\frac{2}{10}$  miles on Wednesday. If she walked  $2\frac{1}{7}$  miles in the morning, how far would she need to walk in the afternoon?
- 3) While exercising Billy travelled  $4\frac{1}{3}$  kilometers. If he walked  $2\frac{6}{7}$  kilometers and jogged the rest, how many kilometers did he jog?
- 4) Frank jogged  $3\frac{1}{4}$  kilometers on Monday and  $2\frac{3}{5}$  kilometers on Tuesday. What is the difference between these two distances?
- 5) A recipe called for using  $3\frac{1}{3}$  cups of flour before baking and another  $6\frac{1}{5}$  cups after baking. What is the total amount of flour needed in the recipe?
- 6) The combined height of two pieces of wood was  $3\frac{4}{9}$  inches. If the first piece of wood was  $2\frac{4}{10}$  inches high, how tall was the second piece?
- 7) Maria bought a bamboo plant that was  $4\frac{6}{9}$  feet high. After a month it had grown another  $5\frac{3}{7}$  feet. What was the total height of the plant after a month?
- 8) A small box of nails was  $10\frac{6}{9}$  inches tall. If the large box of nails was  $6\frac{1}{3}$  inches taller, how tall is the large box of nails?
- 9) Will bought a box of fruit that weighed  $9\frac{2}{3}$  kilograms. If he bought a second box that weighed  $9\frac{3}{6}$  kilograms, what is the combined weight of both boxes?
- 10) Over the weekend Nancy spent  $3\frac{2}{3}$  hours total studying. If she spent  $2\frac{3}{9}$  hours studying on Saturday, how long did she study on Sunday?

**Answers**

1.  $\frac{1151}{72} = \frac{1151}{72}$
2.  $\frac{74}{70} = \frac{37}{35}$
3.  $\frac{31}{21} = \frac{31}{21}$
4.  $\frac{13}{20} = \frac{13}{20}$
5.  $\frac{143}{15} = \frac{143}{15}$
6.  $\frac{94}{90} = \frac{47}{45}$
7.  $\frac{636}{63} = \frac{212}{21}$
8.  $\frac{153}{9} = \frac{17}{1}$
9.  $\frac{115}{6} = \frac{115}{6}$
10.  $\frac{12}{9} = \frac{4}{3}$





**Solve each problem.**

**Answers**

$$\frac{1151}{72} = \frac{1151}{72} \quad \frac{74}{70} = \frac{37}{35} \quad \frac{153}{9} = \frac{17}{1} \quad \frac{143}{15} = \frac{143}{15} \quad \frac{12}{9} = \frac{4}{3}$$

$$\frac{13}{20} = \frac{13}{20} \quad \frac{31}{21} = \frac{31}{21} \quad \frac{636}{63} = \frac{212}{21} \quad \frac{115}{6} = \frac{115}{6} \quad \frac{94}{90} = \frac{47}{45}$$

- 1) Faye's class recycled  $7\frac{7}{8}$  boxes of paper in a month. If they recycled another  $8\frac{1}{9}$  boxes the next month was is the total amount they recycled?  
( LCM = 72 )
- 2) Olivia had planned to walk  $3\frac{2}{10}$  miles on Wednesday. If she walked  $2\frac{1}{7}$  miles in the morning, how far would she need to walk in the afternoon?  
( LCM = 70 )
- 3) While exercising Billy travelled  $4\frac{1}{3}$  kilometers. If he walked  $2\frac{6}{7}$  kilometers and jogged the rest, how many kilometers did he jog?  
( LCM = 21 )
- 4) Frank jogged  $3\frac{1}{4}$  kilometers on Monday and  $2\frac{3}{5}$  kilometers on Tuesday. What is the difference between these two distances?  
( LCM = 20 )
- 5) A recipe called for using  $3\frac{1}{3}$  cups of flour before baking and another  $6\frac{1}{5}$  cups after baking. What is the total amount of flour needed in the recipe?  
( LCM = 15 )
- 6) The combined height of two pieces of wood was  $3\frac{4}{9}$  inches. If the first piece of wood was  $2\frac{4}{10}$  inches high, how tall was the second piece?  
( LCM = 90 )
- 7) Maria bought a bamboo plant that was  $4\frac{6}{9}$  feet high. After a month it had grown another  $5\frac{3}{7}$  feet. What was the total height of the plant after a month?  
( LCM = 63 )
- 8) A small box of nails was  $10\frac{6}{9}$  inches tall. If the large box of nails was  $6\frac{1}{3}$  inches taller, how tall is the large box of nails?  
( LCM = 9 )
- 9) Will bought a box of fruit that weighed  $9\frac{2}{3}$  kilograms. If he bought a second box that weighed  $9\frac{3}{6}$  kilograms, what is the combined weight of both boxes?  
( LCM = 6 )
- 10) Over the weekend Nancy spent  $3\frac{2}{3}$  hours total studying. If she spent  $2\frac{3}{9}$  hours studying on Saturday, how long did she study on Sunday?  
( LCM = 9 )

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Solve each problem.

**Answers**

- 1) A restaurant had  $5\frac{6}{7}$  gallons of soup at the start of the day. By the end of the day they had  $3\frac{1}{3}$  gallons left. How many gallons of soup did they use during the day?
- 2) A small box of nails was  $6\frac{8}{10}$  inches tall. If the large box of nails was  $6\frac{5}{8}$  inches taller, how tall is the large box of nails?
- 3) A chef bought  $8\frac{1}{2}$  pounds of carrots. If he later bought another  $7\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
- 4) Debby had  $5\frac{1}{8}$  cups of flour. If she used  $4\frac{2}{4}$  cups baking, how much flour did she have left?
- 5) A king size chocolate bar was  $9\frac{4}{7}$  inches long. The regular size bar was  $3\frac{2}{5}$  inches long. What is the difference in length between the two bars?
- 6) On Saturday a restaurant used  $5\frac{6}{8}$  cans of vegetables. On Sunday they used another  $3\frac{5}{6}$  cans. What is the total amount of vegetables they used?
- 7) An empty bulldozer weighed  $2\frac{3}{5}$  tons. If it scooped up  $6\frac{2}{3}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 8) Maria walked  $4\frac{1}{7}$  miles in the morning and another  $4\frac{1}{5}$  miles in the afternoon. What was the total distance she walked?
- 9) On Monday Ned spent  $4\frac{1}{7}$  hours studying. On Tuesday he spent another  $9\frac{5}{10}$  hours studying. What is the combined time he spent studying?
- 10) A large box of nails weighed  $8\frac{5}{10}$  ounces. A small box of nails weighed  $4\frac{2}{9}$  ounces. What is the difference in weight between the two boxes?

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- 2) A small box of nails was  $6\frac{8}{10}$  inches tall. If the large box of nails was  $6\frac{5}{8}$  inches taller, how tall is the large box of nails?
- 3) A chef bought  $8\frac{1}{2}$  pounds of carrots. If he later bought another  $7\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?
- 4) Debby had  $5\frac{1}{8}$  cups of flour. If she used  $4\frac{2}{4}$  cups baking, how much flour did she have left?
- 5) A king size chocolate bar was  $9\frac{4}{7}$  inches long. The regular size bar was  $3\frac{2}{5}$  inches long. What is the difference in length between the two bars?
- 6) On Saturday a restaurant used  $5\frac{6}{8}$  cans of vegetables. On Sunday they used another  $3\frac{5}{6}$  cans. What is the total amount of vegetables they used?
- 7) An empty bulldozer weighed  $2\frac{3}{5}$  tons. If it scooped up  $6\frac{2}{3}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 8) Maria walked  $4\frac{1}{7}$  miles in the morning and another  $4\frac{1}{5}$  miles in the afternoon. What was the total distance she walked?
- 9) On Monday Ned spent  $4\frac{1}{7}$  hours studying. On Tuesday he spent another  $9\frac{5}{10}$  hours studying. What is the combined time he spent studying?
- 10) A large box of nails weighed  $8\frac{5}{10}$  ounces. A small box of nails weighed  $4\frac{2}{9}$  ounces. What is the difference in weight between the two boxes?

**Answers**

1.  $\frac{53}{21} = \frac{53}{21}$

2.  $\frac{537}{40} = \frac{537}{40}$

3.  $\frac{95}{6} = \frac{95}{6}$

4.  $\frac{5}{8} = \frac{5}{8}$

5.  $\frac{216}{35} = \frac{216}{35}$

6.  $\frac{230}{24} = \frac{115}{12}$

7.  $\frac{139}{15} = \frac{139}{15}$

8.  $\frac{292}{35} = \frac{292}{35}$

9.  $\frac{955}{70} = \frac{191}{14}$

10.  $\frac{385}{90} = \frac{77}{18}$



**Solve each problem.**

**Answers**

$\frac{216}{35} = \frac{216}{35}$	$\frac{5}{8} = \frac{5}{8}$	$\frac{139}{15} = \frac{139}{15}$	$\frac{955}{70} = \frac{191}{14}$	$\frac{385}{90} = \frac{77}{18}$
$\frac{230}{24} = \frac{115}{12}$	$\frac{95}{6} = \frac{95}{6}$	$\frac{292}{35} = \frac{292}{35}$	$\frac{53}{21} = \frac{53}{21}$	$\frac{537}{40} = \frac{537}{40}$

- 1) A restaurant had  $5\frac{6}{7}$  gallons of soup at the start of the day. By the end of the day they had  $3\frac{1}{3}$  gallons left. How many gallons of soup did they use during the day?  
( LCM = 21 )
- 2) A small box of nails was  $6\frac{8}{10}$  inches tall. If the large box of nails was  $6\frac{5}{8}$  inches taller, how tall is the large box of nails?  
( LCM = 40 )
- 3) A chef bought  $8\frac{1}{2}$  pounds of carrots. If he later bought another  $7\frac{1}{3}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 6 )
- 4) Debby had  $5\frac{1}{8}$  cups of flour. If she used  $4\frac{2}{4}$  cups baking, how much flour did she have left?  
( LCM = 8 )
- 5) A king size chocolate bar was  $9\frac{4}{7}$  inches long. The regular size bar was  $3\frac{2}{5}$  inches long. What is the difference in length between the two bars?  
( LCM = 35 )
- 6) On Saturday a restaurant used  $5\frac{6}{8}$  cans of vegetables. On Sunday they used another  $3\frac{5}{6}$  cans. What is the total amount of vegetables they used?  
( LCM = 24 )
- 7) An empty bulldozer weighed  $2\frac{3}{5}$  tons. If it scooped up  $6\frac{2}{3}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?  
( LCM = 15 )
- 8) Maria walked  $4\frac{1}{7}$  miles in the morning and another  $4\frac{1}{5}$  miles in the afternoon. What was the total distance she walked?  
( LCM = 35 )
- 9) On Monday Ned spent  $4\frac{1}{7}$  hours studying. On Tuesday he spent another  $9\frac{5}{10}$  hours studying. What is the combined time he spent studying?  
( LCM = 70 )
- 10) A large box of nails weighed  $8\frac{5}{10}$  ounces. A small box of nails weighed  $4\frac{2}{9}$  ounces. What is the difference in weight between the two boxes?  
( LCM = 90 )

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Solve each problem.

**Answers**

- 1) Amy bought a bamboo plant that was  $9\frac{5}{6}$  feet high. When she got it home she cut  $7\frac{3}{5}$  feet off of it. How tall was the plant after she cut it down?
- 2) A king size chocolate bar was  $8\frac{1}{8}$  inches long. The regular size bar was  $3\frac{3}{5}$  inches long. What is the difference in length between the two bars?
- 3) An architect built a road  $3\frac{3}{10}$  miles long. The next road he built was  $2\frac{2}{5}$  miles long. What is the combined length of the two roads?
- 4) On Monday Paige spent  $4\frac{3}{5}$  hours studying. On Tuesday she spent another  $5\frac{2}{3}$  hours studying. What is the combined length of time she spent studying?
- 5) A coach filled up a cooler with water until it weighed  $7\frac{1}{4}$  pounds. After the game the cooler weighed  $4\frac{2}{3}$  pounds. How many pounds lighter was the cooler after the game?
- 6) In December it snowed  $2\frac{2}{5}$  inches. In January it snowed  $3\frac{2}{7}$  inches. What is the combined amount of snow for December and January?
- 7) Maria had  $8\frac{3}{4}$  cups of flour. If she used  $3\frac{1}{2}$  cups baking, how much flour did she have left?
- 8) Jerry bought a box of fruit that weighed  $7\frac{6}{9}$  kilograms. If he bought a second box that weighed  $4\frac{3}{6}$  kilograms, what is the combined weight of both boxes?
- 9) Gwen and her friend were seeing who could pick up more bags of cans. Gwen picked up  $10\frac{1}{8}$  bags and her friend picked up  $2\frac{8}{10}$  bags. How much more did Gwen pick up, then her friend?
- 10) Carol's new puppy weighed  $9\frac{2}{4}$  pounds. After a month it had gained  $8\frac{1}{3}$  pounds. What is the weight of the puppy after a month?

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Solve each problem.

- 1) Amy bought a bamboo plant that was  $9\frac{5}{6}$  feet high. When she got it home she cut  $7\frac{3}{5}$  feet off of it. How tall was the plant after she cut it down?
- 2) A king size chocolate bar was  $8\frac{1}{8}$  inches long. The regular size bar was  $3\frac{3}{5}$  inches long. What is the difference in length between the two bars?
- 3) An architect built a road  $3\frac{3}{10}$  miles long. The next road he built was  $2\frac{2}{5}$  miles long. What is the combined length of the two roads?
- 4) On Monday Paige spent  $4\frac{3}{5}$  hours studying. On Tuesday she spent another  $5\frac{2}{3}$  hours studying. What is the combined length of time she spent studying?
- 5) A coach filled up a cooler with water until it weighed  $7\frac{1}{4}$  pounds. After the game the cooler weighed  $4\frac{2}{3}$  pounds. How many pounds lighter was the cooler after the game?
- 6) In December it snowed  $2\frac{2}{5}$  inches. In January it snowed  $3\frac{2}{7}$  inches. What is the combined amount of snow for December and January?
- 7) Maria had  $8\frac{3}{4}$  cups of flour. If she used  $3\frac{1}{2}$  cups baking, how much flour did she have left?
- 8) Jerry bought a box of fruit that weighed  $7\frac{6}{9}$  kilograms. If he bought a second box that weighed  $4\frac{3}{6}$  kilograms, what is the combined weight of both boxes?
- 9) Gwen and her friend were seeing who could pick up more bags of cans. Gwen picked up  $10\frac{1}{8}$  bags and her friend picked up  $2\frac{8}{10}$  bags. How much more did Gwen pick up, then her friend?
- 10) Carol's new puppy weighed  $9\frac{2}{4}$  pounds. After a month it had gained  $8\frac{1}{3}$  pounds. What is the weight of the puppy after a month?

**Answers**

1.  $\frac{67}{30} = \frac{67}{30}$
2.  $\frac{181}{40} = \frac{181}{40}$
3.  $\frac{57}{10} = \frac{57}{10}$
4.  $\frac{154}{15} = \frac{154}{15}$
5.  $\frac{31}{12} = \frac{31}{12}$
6.  $\frac{199}{35} = \frac{199}{35}$
7.  $\frac{21}{4} = \frac{21}{4}$
8.  $\frac{219}{18} = \frac{73}{6}$
9.  $\frac{293}{40} = \frac{293}{40}$
10.  $\frac{214}{12} = \frac{107}{6}$


**Solve each problem.**

$$\begin{array}{cccccc}
 \frac{67}{30} = \frac{67}{30} & \frac{31}{12} = \frac{31}{12} & \frac{219}{18} = \frac{73}{6} & \frac{57}{10} = \frac{57}{10} & \frac{154}{15} = \frac{154}{15} \\
 \frac{21}{4} = \frac{21}{4} & \frac{199}{35} = \frac{199}{35} & \frac{214}{12} = \frac{107}{6} & \frac{293}{40} = \frac{293}{40} & \frac{181}{40} = \frac{181}{40}
 \end{array}$$

## Answers

- 1) Amy bought a bamboo plant that was  $9\frac{5}{6}$  feet high. When she got it home she cut  $7\frac{3}{5}$  feet off of it. How tall was the plant after she cut it down?  
( LCM = 30 )
  
- 2) A king size chocolate bar was  $8\frac{1}{8}$  inches long. The regular size bar was  $3\frac{3}{5}$  inches long. What is the difference in length between the two bars?  
( LCM = 40 )
  
- 3) An architect built a road  $3\frac{3}{10}$  miles long. The next road he built was  $2\frac{2}{5}$  miles long. What is the combined length of the two roads?  
( LCM = 10 )
  
- 4) On Monday Paige spent  $4\frac{3}{5}$  hours studying. On Tuesday she spent another  $5\frac{2}{3}$  hours studying. What is the combined length of time she spent studying?  
( LCM = 15 )
  
- 5) A coach filled up a cooler with water until it weighed  $7\frac{1}{4}$  pounds. After the game the cooler weighed  $4\frac{2}{3}$  pounds. How many pounds lighter was the cooler after the game?  
( LCM = 12 )
  
- 6) In December it snowed  $2\frac{2}{5}$  inches. In January it snowed  $3\frac{2}{7}$  inches. What is the combined amount of snow for December and January?  
( LCM = 35 )
  
- 7) Maria had  $8\frac{3}{4}$  cups of flour. If she used  $3\frac{1}{2}$  cups baking, how much flour did she have left?  
( LCM = 4 )
  
- 8) Jerry bought a box of fruit that weighed  $7\frac{6}{9}$  kilograms. If he bought a second box that weighed  $4\frac{3}{6}$  kilograms, what is the combined weight of both boxes?  
( LCM = 18 )
  
- 9) Gwen and her friend were seeing who could pick up more bags of cans. Gwen picked up  $10\frac{1}{8}$  bags and her friend picked up  $2\frac{8}{10}$  bags. How much more did Gwen pick up, then her friend?  
( LCM = 40 )
  
- 10) Carol's new puppy weighed  $9\frac{2}{4}$  pounds. After a month it had gained  $8\frac{1}{3}$  pounds. What is the weight of the puppy after a month?  
( LCM = 12 )

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Solve each problem.

**Answers**

- 1) Debby bought a bamboo plant that was  $10\frac{1}{10}$  feet high. After a month it had grown another  $3\frac{1}{2}$  feet. What was the total height of the plant after a month?
- 2) Over the weekend Olivia spent  $4\frac{1}{2}$  hours total studying. If she spent  $3\frac{3}{6}$  hours studying on Saturday, how long did she study on Sunday?
- 3) Oliver drew a line that was  $9\frac{5}{8}$  inches long. If he drew a second line that was  $4\frac{2}{3}$  inches long, what is the difference between the length of the two lines?
- 4) An architect built a road  $2\frac{6}{9}$  miles long. The next road he built was  $7\frac{2}{8}$  miles long. What is the combined length of the two roads?
- 5) Janet had  $4\frac{5}{6}$  cups of flour. If she used  $2\frac{1}{8}$  cups baking, how much flour did she have left?
- 6) Amy walked  $5\frac{4}{5}$  miles in the morning and another  $3\frac{1}{3}$  miles in the afternoon. What was the total distance she walked?
- 7) Sam drew a line that was  $7\frac{5}{8}$  inches long. If he drew a second line that was  $7\frac{1}{2}$  inches longer, what is the length of the second line?
- 8) Carol had planned to walk  $6\frac{3}{8}$  miles on Wednesday. If she walked  $4\frac{2}{3}$  miles in the morning, how far would she need to walk in the afternoon?
- 9) Billy bought a box of fruit that weighed  $3\frac{2}{4}$  kilograms. If he gave away  $2\frac{1}{7}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 10) An empty bulldozer weighed  $7\frac{1}{2}$  tons. If it scooped up  $9\frac{1}{10}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?

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Solve each problem.

- 1) Debby bought a bamboo plant that was  $10\frac{1}{10}$  feet high. After a month it had grown another  $3\frac{1}{2}$  feet. What was the total height of the plant after a month?
- 2) Over the weekend Olivia spent  $4\frac{1}{2}$  hours total studying. If she spent  $3\frac{3}{6}$  hours studying on Saturday, how long did she study on Sunday?
- 3) Oliver drew a line that was  $9\frac{5}{8}$  inches long. If he drew a second line that was  $4\frac{2}{3}$  inches long, what is the difference between the length of the two lines?
- 4) An architect built a road  $2\frac{6}{9}$  miles long. The next road he built was  $7\frac{2}{8}$  miles long. What is the combined length of the two roads?
- 5) Janet had  $4\frac{5}{6}$  cups of flour. If she used  $2\frac{1}{8}$  cups baking, how much flour did she have left?
- 6) Amy walked  $5\frac{4}{5}$  miles in the morning and another  $3\frac{1}{3}$  miles in the afternoon. What was the total distance she walked?
- 7) Sam drew a line that was  $7\frac{5}{8}$  inches long. If he drew a second line that was  $7\frac{1}{2}$  inches longer, what is the length of the second line?
- 8) Carol had planned to walk  $6\frac{3}{8}$  miles on Wednesday. If she walked  $4\frac{2}{3}$  miles in the morning, how far would she need to walk in the afternoon?
- 9) Billy bought a box of fruit that weighed  $3\frac{2}{4}$  kilograms. If he gave away  $2\frac{1}{7}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 10) An empty bulldozer weighed  $7\frac{1}{2}$  tons. If it scooped up  $9\frac{1}{10}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?

**Answers**

1.  $\frac{136}{10} = \frac{68}{5}$

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

3.  $\frac{119}{24} = \frac{119}{24}$

4.  $\frac{714}{72} = \frac{119}{12}$

5.  $\frac{65}{24} = \frac{65}{24}$

6.  $\frac{137}{15} = \frac{137}{15}$

7.  $\frac{121}{8} = \frac{121}{8}$

8.  $\frac{41}{24} = \frac{41}{24}$

9.  $\frac{38}{28} = \frac{19}{14}$

10.  $\frac{166}{10} = \frac{83}{5}$



Solve each problem.

**Answers**

$\frac{6}{6} = 1$	$\frac{137}{15} = \frac{137}{15}$	$\frac{38}{28} = \frac{19}{14}$	$\frac{166}{10} = \frac{83}{5}$	$\frac{119}{24} = \frac{119}{24}$
$\frac{136}{10} = \frac{68}{5}$	$\frac{714}{72} = \frac{119}{12}$	$\frac{121}{8} = \frac{121}{8}$	$\frac{65}{24} = \frac{65}{24}$	$\frac{41}{24} = \frac{41}{24}$

- 1) Debby bought a bamboo plant that was  $10\frac{1}{10}$  feet high. After a month it had grown another  $3\frac{1}{2}$  feet. What was the total height of the plant after a month?  
( LCM = 10 )
- 2) Over the weekend Olivia spent  $4\frac{1}{2}$  hours total studying. If she spent  $3\frac{3}{6}$  hours studying on Saturday, how long did she study on Sunday?  
( LCM = 6 )
- 3) Oliver drew a line that was  $9\frac{5}{8}$  inches long. If he drew a second line that was  $4\frac{2}{3}$  inches long, what is the difference between the length of the two lines?  
( LCM = 24 )
- 4) An architect built a road  $2\frac{6}{9}$  miles long. The next road he built was  $7\frac{2}{8}$  miles long. What is the combined length of the two roads?  
( LCM = 72 )
- 5) Janet had  $4\frac{5}{6}$  cups of flour. If she used  $2\frac{1}{8}$  cups baking, how much flour did she have left?  
( LCM = 24 )
- 6) Amy walked  $5\frac{4}{5}$  miles in the morning and another  $3\frac{1}{3}$  miles in the afternoon. What was the total distance she walked?  
( LCM = 15 )
- 7) Sam drew a line that was  $7\frac{5}{8}$  inches long. If he drew a second line that was  $7\frac{1}{2}$  inches longer, what is the length of the second line?  
( LCM = 8 )
- 8) Carol had planned to walk  $6\frac{3}{8}$  miles on Wednesday. If she walked  $4\frac{2}{3}$  miles in the morning, how far would she need to walk in the afternoon?  
( LCM = 24 )
- 9) Billy bought a box of fruit that weighed  $3\frac{2}{4}$  kilograms. If he gave away  $2\frac{1}{7}$  kilograms of fruit to his friends, how many kilograms does he have left?  
( LCM = 28 )
- 10) An empty bulldozer weighed  $7\frac{1}{2}$  tons. If it scooped up  $9\frac{1}{10}$  tons of dirt, what would be the combined weight of the bulldozer and dirt?  
( LCM = 10 )

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



Solve each problem.

**Answers**

- 1) On Monday Sarah spent  $5\frac{5}{7}$  hours studying. On Tuesday she spent another  $2\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?
- 2) While exercising Ned jogged  $8\frac{2}{4}$  kilometers and walked  $9\frac{1}{3}$  kilometers. What is the total distance he traveled?
- 3) Bianca bought a bamboo plant that was  $6\frac{7}{10}$  feet high. After a month it had grown another  $4\frac{5}{9}$  feet. What was the total height of the plant after a month?
- 4) Kaleb jogged  $4\frac{1}{2}$  kilometers on Monday and  $3\frac{4}{9}$  kilometers on Tuesday. What is the difference between these two distances?
- 5) A large box of nails weighed  $7\frac{2}{4}$  ounces. A small box of nails weighed  $6\frac{6}{9}$  ounces. What is the difference in weight between the two boxes?
- 6) On Saturday a restaurant used  $10\frac{2}{4}$  cans of vegetables. On Sunday they used another  $5\frac{1}{5}$  cans. What is the total amount of vegetables they used?
- 7) Maria's new puppy weighed  $8\frac{2}{10}$  pounds. After a month it had gained  $7\frac{1}{7}$  pounds. What is the weight of the puppy after a month?
- 8) An architect built a road  $3\frac{7}{9}$  miles long. The next road he built was  $2\frac{1}{6}$  miles long. What is the combined length of the two roads?
- 9) The combined height of two pieces of wood was  $8\frac{1}{4}$  inches. If the first piece of wood was  $6\frac{1}{2}$  inches high, how tall was the second piece?
- 10) A full garbage truck weighed  $4\frac{1}{10}$  tons. After dumping the garbage, the truck weighed  $2\frac{7}{8}$  tons. What was the weight of the garbage?

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Solve each problem.

- 1) On Monday Sarah spent  $5\frac{5}{7}$  hours studying. On Tuesday she spent another  $2\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?
- 2) While exercising Ned jogged  $8\frac{2}{4}$  kilometers and walked  $9\frac{1}{3}$  kilometers. What is the total distance he traveled?
- 3) Bianca bought a bamboo plant that was  $6\frac{7}{10}$  feet high. After a month it had grown another  $4\frac{5}{9}$  feet. What was the total height of the plant after a month?
- 4) Kaleb jogged  $4\frac{1}{2}$  kilometers on Monday and  $3\frac{4}{9}$  kilometers on Tuesday. What is the difference between these two distances?
- 5) A large box of nails weighed  $7\frac{2}{4}$  ounces. A small box of nails weighed  $6\frac{6}{9}$  ounces. What is the difference in weight between the two boxes?
- 6) On Saturday a restaurant used  $10\frac{2}{4}$  cans of vegetables. On Sunday they used another  $5\frac{1}{5}$  cans. What is the total amount of vegetables they used?
- 7) Maria's new puppy weighed  $8\frac{2}{10}$  pounds. After a month it had gained  $7\frac{1}{7}$  pounds. What is the weight of the puppy after a month?
- 8) An architect built a road  $3\frac{7}{9}$  miles long. The next road he built was  $2\frac{1}{6}$  miles long. What is the combined length of the two roads?
- 9) The combined height of two pieces of wood was  $8\frac{1}{4}$  inches. If the first piece of wood was  $6\frac{1}{2}$  inches high, how tall was the second piece?
- 10) A full garbage truck weighed  $4\frac{1}{10}$  tons. After dumping the garbage, the truck weighed  $2\frac{7}{8}$  tons. What was the weight of the garbage?

**Answers**

1.  $\frac{115}{14} = \frac{115}{14}$
2.  $\frac{214}{12} = \frac{107}{6}$
3.  $\frac{1013}{90} = \frac{1013}{90}$
4.  $\frac{19}{18} = \frac{19}{18}$
5.  $\frac{30}{36} = \frac{5}{6}$
6.  $\frac{314}{20} = \frac{157}{10}$
7.  $\frac{1074}{70} = \frac{537}{35}$
8.  $\frac{107}{18} = \frac{107}{18}$
9.  $\frac{7}{4} = \frac{7}{4}$
10.  $\frac{49}{40} = \frac{49}{40}$



**Solve each problem.**

**Answers**

$$2\frac{14}{12} = 1\frac{107}{6} \quad 1\frac{9}{18} = 1\frac{19}{18} \quad 1\frac{074}{70} = 1\frac{537}{35} \quad \frac{7}{4} = \frac{7}{4} \quad \frac{49}{40} = \frac{49}{40}$$

$$3\frac{14}{20} = 1\frac{157}{10} \quad 1\frac{013}{90} = 1\frac{1013}{90} \quad \frac{107}{18} = \frac{107}{18} \quad \frac{115}{14} = \frac{115}{14} \quad \frac{30}{36} = \frac{5}{6}$$

- 1) On Monday Sarah spent  $5\frac{5}{7}$  hours studying. On Tuesday she spent another  $2\frac{1}{2}$  hours studying. What is the combined length of time she spent studying?  
( LCM = 14 )
- 2) While exercising Ned jogged  $8\frac{2}{4}$  kilometers and walked  $9\frac{1}{3}$  kilometers. What is the total distance he traveled?  
( LCM = 12 )
- 3) Bianca bought a bamboo plant that was  $6\frac{7}{10}$  feet high. After a month it had grown another  $4\frac{5}{9}$  feet. What was the total height of the plant after a month?  
( LCM = 90 )
- 4) Kaleb jogged  $4\frac{1}{2}$  kilometers on Monday and  $3\frac{4}{9}$  kilometers on Tuesday. What is the difference between these two distances?  
( LCM = 18 )
- 5) A large box of nails weighed  $7\frac{2}{4}$  ounces. A small box of nails weighed  $6\frac{6}{9}$  ounces. What is the difference in weight between the two boxes?  
( LCM = 36 )
- 6) On Saturday a restaurant used  $10\frac{2}{4}$  cans of vegetables. On Sunday they used another  $5\frac{1}{5}$  cans. What is the total amount of vegetables they used?  
( LCM = 20 )
- 7) Maria's new puppy weighed  $8\frac{2}{10}$  pounds. After a month it had gained  $7\frac{1}{7}$  pounds. What is the weight of the puppy after a month?  
( LCM = 70 )
- 8) An architect built a road  $3\frac{7}{9}$  miles long. The next road he built was  $2\frac{1}{6}$  miles long. What is the combined length of the two roads?  
( LCM = 18 )
- 9) The combined height of two pieces of wood was  $8\frac{1}{4}$  inches. If the first piece of wood was  $6\frac{1}{2}$  inches high, how tall was the second piece?  
( LCM = 4 )
- 10) A full garbage truck weighed  $4\frac{1}{10}$  tons. After dumping the garbage, the truck weighed  $2\frac{7}{8}$  tons. What was the weight of the garbage?  
( LCM = 40 )

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Solve each problem.

**Answers**

- 1) Janet bought a bamboo plant that was  $3\frac{3}{4}$  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?
- 2) A chef bought  $5\frac{1}{3}$  pounds of carrots. If he later bought another  $8\frac{1}{2}$  pounds of carrots, what is the total weight of carrots he bought?
- 3) On Saturday a restaurant used  $7\frac{2}{3}$  cans of vegetables. On Sunday they used another  $8\frac{1}{10}$  cans. What is the total amount of vegetables they used?
- 4) A chef had  $5\frac{1}{3}$  pounds of carrots. If he later used  $4\frac{3}{6}$  pounds in a recipe, how many pounds of carrots does he have left?
- 5) For Halloween, Amy received  $10\frac{1}{5}$  pounds of candy. After a week her family had eaten  $6\frac{7}{9}$  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  $3\frac{1}{7}$  feet high, what is the total height of his creation?
- 7) While exercising George travelled  $20\frac{3}{8}$  kilometers. If he walked  $18\frac{1}{2}$  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  $10\frac{4}{5}$  boxes the next month what is the total amount they recycled?
- 9) A restaurant had  $19\frac{1}{4}$  gallons of soup at the start of the day. By the end of the day they had  $7\frac{7}{9}$  gallons left. How many gallons of soup did they use during the day?
- 10) John jogged  $5\frac{1}{2}$  kilometers on Monday and  $2\frac{2}{8}$  kilometers on Tuesday. What is the difference between these two distances?

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Solve each problem.

- 1) Janet bought a bamboo plant that was  $3\frac{3}{4}$  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?
- 2) A chef bought  $5\frac{1}{3}$  pounds of carrots. If he later bought another  $8\frac{1}{2}$  pounds of carrots, what is the total weight of carrots he bought?
- 3) On Saturday a restaurant used  $7\frac{2}{3}$  cans of vegetables. On Sunday they used another  $8\frac{1}{10}$  cans. What is the total amount of vegetables they used?
- 4) A chef had  $5\frac{1}{3}$  pounds of carrots. If he later used  $4\frac{3}{6}$  pounds in a recipe, how many pounds of carrots does he have left?
- 5) For Halloween, Amy received  $10\frac{1}{5}$  pounds of candy. After a week her family had eaten  $6\frac{7}{9}$  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  $3\frac{1}{7}$  feet high, what is the total height of his creation?
- 7) While exercising George travelled  $20\frac{3}{8}$  kilometers. If he walked  $18\frac{1}{2}$  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  $10\frac{4}{5}$  boxes the next month was is the total amount they recycled?
- 9) A restaurant had  $19\frac{1}{4}$  gallons of soup at the start of the day. By the end of the day they had  $7\frac{7}{9}$  gallons left. How many gallons of soup did they use during the day?
- 10) John jogged  $5\frac{1}{2}$  kilometers on Monday and  $2\frac{2}{8}$  kilometers on Tuesday. What is the difference between these two distances?

**Answers**

1.  $\frac{5}{4} = \frac{5}{4}$
2.  $\frac{83}{6} = \frac{83}{6}$
3.  $\frac{473}{30} = \frac{473}{30}$
4.  $\frac{5}{6} = \frac{5}{6}$
5.  $\frac{154}{45} = \frac{154}{45}$
6.  $\frac{393}{56} = \frac{393}{56}$
7.  $\frac{15}{8} = \frac{15}{8}$
8.  $\frac{193}{10} = \frac{193}{10}$
9.  $\frac{413}{36} = \frac{413}{36}$
10.  $\frac{26}{8} = \frac{13}{4}$



Solve each problem.

**Answers**

$\frac{5}{4} = \frac{5}{4}$	$\frac{413}{36} = \frac{413}{36}$	$\frac{5}{6} = \frac{5}{6}$	$\frac{15}{8} = \frac{15}{8}$	$\frac{154}{45} = \frac{154}{45}$
$\frac{26}{8} = \frac{13}{4}$	$\frac{83}{6} = \frac{83}{6}$	$\frac{473}{30} = \frac{473}{30}$	$\frac{193}{10} = \frac{193}{10}$	$\frac{393}{56} = \frac{393}{56}$

- 1) Janet bought a bamboo plant that was  $3\frac{3}{4}$  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 = 4 )
- 2) A chef bought  $5\frac{1}{3}$  pounds of carrots. If he later bought another  $8\frac{1}{2}$  pounds of carrots, what is the total weight of carrots he bought?  
( LCM = 6 )
- 3) On Saturday a restaurant used  $7\frac{2}{3}$  cans of vegetables. On Sunday they used another  $8\frac{1}{10}$  cans. What is the total amount of vegetables they used?  
( LCM = 30 )
- 4) A chef had  $5\frac{1}{3}$  pounds of carrots. If he later used  $4\frac{3}{6}$  pounds in a recipe, how many pounds of carrots does he have left?  
( LCM = 6 )
- 5) For Halloween, Amy received  $10\frac{1}{5}$  pounds of candy. After a week her family had eaten  $6\frac{7}{9}$  pounds. How many pounds of candy does she have left?  
( LCM = 45 )
- 6) At the beach, Cody built a sandcastle that was  $3\frac{7}{8}$  feet high. If he added a flag that was  $3\frac{1}{7}$  feet high, what is the total height of his creation?  
( LCM = 56 )
- 7) While exercising George travelled  $20\frac{3}{8}$  kilometers. If he walked  $18\frac{1}{2}$  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  $10\frac{4}{5}$  boxes the next month was is the total amount they recycled?  
( LCM = 10 )
- 9) A restaurant had  $19\frac{1}{4}$  gallons of soup at the start of the day. By the end of the day they had  $7\frac{7}{9}$  gallons left. How many gallons of soup did they use during the day?  
( LCM = 36 )
- 10) John jogged  $5\frac{1}{2}$  kilometers on Monday and  $2\frac{2}{8}$  kilometers on Tuesday. What is the difference between these two distances?  
( LCM = 8 )

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Solve each problem.

**Answers**

- 1) Dave bought a box of fruit that weighed  $8\frac{3}{9}$  kilograms. If he bought a second box that weighed  $10\frac{2}{5}$  kilograms, what is the combined weight of both boxes?
- 2) On Monday Luke spent  $9\frac{6}{9}$  hours studying. On Tuesday he spent another  $4\frac{2}{3}$  hours studying. What is the combined time he spent studying?
- 3) Katie and her friend were seeing who could pick up more bags of cans. Katie picked up  $6\frac{9}{10}$  bags and her friend picked up  $4\frac{1}{2}$  bags. How much more did Katie pick up, then her friend?
- 4) A large box of nails weighed  $5\frac{2}{3}$  ounces. A small box of nails weighed  $4\frac{1}{5}$  ounces. What is the difference in weight between the two boxes?
- 5) In December it snowed  $4\frac{2}{3}$  inches. In January it snowed  $2\frac{1}{2}$  inches. What is the combined amount of snow for December and January?
- 6) The combined height of two pieces of wood was  $7\frac{4}{9}$  inches. If the first piece of wood was  $4\frac{1}{4}$  inches high, how tall was the second piece?
- 7) Sarah had planned to walk  $9\frac{7}{9}$  miles on Wednesday. If she walked  $6\frac{1}{2}$  miles in the morning, how far would she need to walk in the afternoon?
- 8) An architect built a road  $10\frac{3}{5}$  miles long. The next road he built was  $2\frac{3}{8}$  miles long. What is the combined length of the two roads?
- 9) A king size chocolate bar was  $13\frac{9}{10}$  inches long. The regular size bar was  $7\frac{1}{2}$  inches long. What is the difference in length between the two bars?
- 10) While exercising Ned jogged  $6\frac{1}{5}$  kilometers and walked  $8\frac{1}{4}$  kilometers. What is the total distance he traveled?

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Solve each problem.

- 1) Dave bought a box of fruit that weighed  $8\frac{3}{9}$  kilograms. If he bought a second box that weighed  $10\frac{2}{5}$  kilograms, what is the combined weight of both boxes?
- 2) On Monday Luke spent  $9\frac{6}{9}$  hours studying. On Tuesday he spent another  $4\frac{2}{3}$  hours studying. What is the combined time he spent studying?
- 3) Katie and her friend were seeing who could pick up more bags of cans. Katie picked up  $6\frac{9}{10}$  bags and her friend picked up  $4\frac{1}{2}$  bags. How much more did Katie pick up, then her friend?
- 4) A large box of nails weighed  $5\frac{2}{3}$  ounces. A small box of nails weighed  $4\frac{1}{5}$  ounces. What is the difference in weight between the two boxes?
- 5) In December it snowed  $4\frac{2}{3}$  inches. In January it snowed  $2\frac{1}{2}$  inches. What is the combined amount of snow for December and January?
- 6) The combined height of two pieces of wood was  $7\frac{4}{9}$  inches. If the first piece of wood was  $4\frac{1}{4}$  inches high, how tall was the second piece?
- 7) Sarah had planned to walk  $9\frac{7}{9}$  miles on Wednesday. If she walked  $6\frac{1}{2}$  miles in the morning, how far would she need to walk in the afternoon?
- 8) An architect built a road  $10\frac{3}{5}$  miles long. The next road he built was  $2\frac{3}{8}$  miles long. What is the combined length of the two roads?
- 9) A king size chocolate bar was  $13\frac{9}{10}$  inches long. The regular size bar was  $7\frac{1}{2}$  inches long. What is the difference in length between the two bars?
- 10) While exercising Ned jogged  $6\frac{1}{5}$  kilometers and walked  $8\frac{1}{4}$  kilometers. What is the total distance he traveled?

**Answers**

1.  $\frac{843}{45} = \frac{281}{15}$
2.  $\frac{129}{9} = \frac{43}{3}$
3.  $\frac{24}{10} = \frac{12}{5}$
4.  $\frac{22}{15} = \frac{22}{15}$
5.  $\frac{43}{6} = \frac{43}{6}$
6.  $\frac{115}{36} = \frac{115}{36}$
7.  $\frac{59}{18} = \frac{59}{18}$
8.  $\frac{519}{40} = \frac{519}{40}$
9.  $\frac{64}{10} = \frac{32}{5}$
10.  $\frac{289}{20} = \frac{289}{20}$



**Solve each problem.**

**Answers**

$$519/40 = 519/40 \quad 22/15 = 22/15 \quad 115/36 = 115/36 \quad 43/6 = 43/6 \quad 24/10 = 12/5$$

$$289/20 = 289/20 \quad 64/10 = 32/5 \quad 59/18 = 59/18 \quad 129/9 = 43/3 \quad 843/45 = 281/15$$

- 1) Dave bought a box of fruit that weighed  $8\frac{3}{9}$  kilograms. If he bought a second box that weighed  $10\frac{2}{5}$  kilograms, what is the combined weight of both boxes?  
( LCM = 45 )
  
- 2) On Monday Luke spent  $9\frac{6}{9}$  hours studying. On Tuesday he spent another  $4\frac{2}{3}$  hours studying. What is the combined time he spent studying?  
( LCM = 9 )
  
- 3) Katie and her friend were seeing who could pick up more bags of cans. Katie picked up  $6\frac{9}{10}$  bags and her friend picked up  $4\frac{1}{2}$  bags. How much more did Katie pick up, then her friend?  
( LCM = 10 )
  
- 4) A large box of nails weighed  $5\frac{2}{3}$  ounces. A small box of nails weighed  $4\frac{1}{5}$  ounces. What is the difference in weight between the two boxes?  
( LCM = 15 )
  
- 5) In December it snowed  $4\frac{2}{3}$  inches. In January it snowed  $2\frac{1}{2}$  inches. What is the combined amount of snow for December and January?  
( LCM = 6 )
  
- 6) The combined height of two pieces of wood was  $7\frac{4}{9}$  inches. If the first piece of wood was  $4\frac{1}{4}$  inches high, how tall was the second piece?  
( LCM = 36 )
  
- 7) Sarah had planned to walk  $9\frac{7}{9}$  miles on Wednesday. If she walked  $6\frac{1}{2}$  miles in the morning, how far would she need to walk in the afternoon?  
( LCM = 18 )
  
- 8) An architect built a road  $10\frac{3}{5}$  miles long. The next road he built was  $2\frac{3}{8}$  miles long. What is the combined length of the two roads?  
( LCM = 40 )
  
- 9) A king size chocolate bar was  $13\frac{9}{10}$  inches long. The regular size bar was  $7\frac{1}{2}$  inches long. What is the difference in length between the two bars?  
( LCM = 10 )
  
- 10) While exercising Ned jogged  $6\frac{1}{5}$  kilometers and walked  $8\frac{1}{4}$  kilometers. What is the total distance he traveled?  
( LCM = 20 )

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Solve each problem.

**Answers**

- 1) A chef had  $6\frac{1}{6}$  pounds of carrots. If he later used  $5\frac{8}{9}$  pounds in a recipe, how many pounds of carrots does he have left?
- 2) On Monday Jerry spent  $3\frac{1}{8}$  hours studying. On Tuesday he spent another  $3\frac{1}{3}$  hours studying. What is the combined time he spent studying?
- 3) Victor bought a box of fruit that weighed  $10\frac{2}{3}$  kilograms. If he gave away  $3\frac{7}{8}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 4) For Halloween, Isabel received  $8\frac{1}{7}$  pounds of candy. After a week her family had eaten  $6\frac{1}{2}$  pounds. How many pounds of candy does she have left?
- 5) Emily had planned to walk  $8\frac{3}{10}$  miles on Wednesday. If she walked  $5\frac{1}{4}$  miles in the morning, how far would she need to walk in the afternoon?
- 6) Nancy's class recycled  $2\frac{1}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{2}$  boxes the next month was is the total amount they recycled?
- 7) Amy bought a bamboo plant that was  $6\frac{3}{7}$  feet high. When she got it home she cut  $3\frac{2}{9}$  feet off of it. How tall was the plant after she cut it down?
- 8) Paul drew a line that was  $3\frac{7}{10}$  inches long. If he drew a second line that was  $9\frac{1}{5}$  inches longer, what is the length of the second line?
- 9) Luke bought a box of fruit that weighed  $7\frac{1}{6}$  kilograms. If he bought a second box that weighed  $10\frac{2}{3}$  kilograms, what is the combined weight of both boxes?
- 10) A regular size chocolate bar was  $8\frac{1}{5}$  inches long. If the king size bar was  $9\frac{2}{4}$  inches longer, what is the length of the king size bar?

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Solve each problem.

- 1) A chef had  $6\frac{1}{6}$  pounds of carrots. If he later used  $5\frac{8}{9}$  pounds in a recipe, how many pounds of carrots does he have left?
- 2) On Monday Jerry spent  $3\frac{1}{8}$  hours studying. On Tuesday he spent another  $3\frac{1}{3}$  hours studying. What is the combined time he spent studying?
- 3) Victor bought a box of fruit that weighed  $10\frac{2}{3}$  kilograms. If he gave away  $3\frac{7}{8}$  kilograms of fruit to his friends, how many kilograms does he have left?
- 4) For Halloween, Isabel received  $8\frac{1}{7}$  pounds of candy. After a week her family had eaten  $6\frac{1}{2}$  pounds. How many pounds of candy does she have left?
- 5) Emily had planned to walk  $8\frac{3}{10}$  miles on Wednesday. If she walked  $5\frac{1}{4}$  miles in the morning, how far would she need to walk in the afternoon?
- 6) Nancy's class recycled  $2\frac{1}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{2}$  boxes the next month was is the total amount they recycled?
- 7) Amy bought a bamboo plant that was  $6\frac{3}{7}$  feet high. When she got it home she cut  $3\frac{2}{9}$  feet off of it. How tall was the plant after she cut it down?
- 8) Paul drew a line that was  $3\frac{7}{10}$  inches long. If he drew a second line that was  $9\frac{1}{5}$  inches longer, what is the length of the second line?
- 9) Luke bought a box of fruit that weighed  $7\frac{1}{6}$  kilograms. If he bought a second box that weighed  $10\frac{2}{3}$  kilograms, what is the combined weight of both boxes?
- 10) A regular size chocolate bar was  $8\frac{1}{5}$  inches long. If the king size bar was  $9\frac{2}{4}$  inches longer, what is the length of the king size bar?

**Answers**

1.  $\frac{5}{18} = \frac{5}{18}$
2.  $\frac{155}{24} = \frac{155}{24}$
3.  $\frac{163}{24} = \frac{163}{24}$
4.  $\frac{23}{14} = \frac{23}{14}$
5.  $\frac{61}{20} = \frac{61}{20}$
6.  $\frac{23}{4} = \frac{23}{4}$
7.  $\frac{202}{63} = \frac{202}{63}$
8.  $\frac{129}{10} = \frac{129}{10}$
9.  $\frac{107}{6} = \frac{107}{6}$
10.  $\frac{354}{20} = \frac{177}{10}$



**Solve each problem.**

**Answers**

$354/20 = 177/10$	$202/63 = 202/63$	$61/20 = 61/20$	$129/10 = 129/10$	$155/24 = 155/24$
$163/24 = 163/24$	$23/14 = 23/14$	$23/4 = 23/4$	$107/6 = 107/6$	$5/18 = 5/18$

- 1) A chef had  $6\frac{1}{6}$  pounds of carrots. If he later used  $5\frac{8}{9}$  pounds in a recipe, how many pounds of carrots does he have left?  
( LCM = 18 )
- 2) On Monday Jerry spent  $3\frac{1}{8}$  hours studying. On Tuesday he spent another  $3\frac{1}{3}$  hours studying. What is the combined time he spent studying?  
( LCM = 24 )
- 3) Victor bought a box of fruit that weighed  $10\frac{2}{3}$  kilograms. If he gave away  $3\frac{7}{8}$  kilograms of fruit to his friends, how many kilograms does he have left?  
( LCM = 24 )
- 4) For Halloween, Isabel received  $8\frac{1}{7}$  pounds of candy. After a week her family had eaten  $6\frac{1}{2}$  pounds. How many pounds of candy does she have left?  
( LCM = 14 )
- 5) Emily had planned to walk  $8\frac{3}{10}$  miles on Wednesday. If she walked  $5\frac{1}{4}$  miles in the morning, how far would she need to walk in the afternoon?  
( LCM = 20 )
- 6) Nancy's class recycled  $2\frac{1}{4}$  boxes of paper in a month. If they recycled another  $3\frac{1}{2}$  boxes the next month was is the total amount they recycled?  
( LCM = 4 )
- 7) Amy bought a bamboo plant that was  $6\frac{3}{7}$  feet high. When she got it home she cut  $3\frac{2}{9}$  feet off of it. How tall was the plant after she cut it down?  
( LCM = 63 )
- 8) Paul drew a line that was  $3\frac{7}{10}$  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 = 10 )
- 9) Luke bought a box of fruit that weighed  $7\frac{1}{6}$  kilograms. If he bought a second box that weighed  $10\frac{2}{3}$  kilograms, what is the combined weight of both boxes?  
( LCM = 6 )
- 10) A regular size chocolate bar was  $8\frac{1}{5}$  inches long. If the king size bar was  $9\frac{2}{4}$  inches longer, what is the length of the king size bar?  
( LCM = 20 )

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