



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, what 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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- 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.  $\frac{12}{9} = \frac{4}{3}$


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**Answers**

$$\begin{array}{cccccc}
 \frac{1151}{72} = \frac{1151}{72} & \frac{74}{70} = \frac{37}{35} & \frac{153}{9} = \frac{17}{1} & \frac{143}{15} = \frac{143}{15} & \frac{12}{9} = \frac{4}{3} \\
 \frac{13}{20} = \frac{13}{20} & \frac{31}{21} = \frac{31}{21} & \frac{636}{63} = \frac{212}{21} & \frac{115}{6} = \frac{115}{6} & \frac{94}{90} = \frac{47}{45}
 \end{array}$$

- 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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