

**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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- 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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