



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?

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**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?  
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( 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 )

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