



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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**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.**

**Answers**

$$\frac{67}{30} = \frac{67}{30} \quad \frac{31}{12} = \frac{31}{12} \quad \frac{219}{18} = \frac{73}{6} \quad \frac{57}{10} = \frac{57}{10} \quad \frac{154}{15} = \frac{154}{15}$$

$$\frac{21}{4} = \frac{21}{4} \quad \frac{199}{35} = \frac{199}{35} \quad \frac{214}{12} = \frac{107}{6} \quad \frac{293}{40} = \frac{293}{40} \quad \frac{181}{40} = \frac{181}{40}$$

- 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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