



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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**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**

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

- 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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