



Solve each problem.

Answers

- 1) An architect built a road $3\frac{5}{7}$ miles long. The next road he built was $9\frac{1}{2}$ miles long. What is the combined length of the two roads?
- 2) Billy spent $7\frac{1}{2}$ hours working on his reading and math homework. If he spent $3\frac{3}{4}$ hours on his reading homework, how much time did he spend on his math homework?
- 3) Rachel walked $4\frac{1}{10}$ miles in the morning and another $5\frac{3}{4}$ miles in the afternoon. What was the total distance she walked?
- 4) On Monday Maria spent $2\frac{3}{4}$ hours studying. On Tuesday she spent another $4\frac{3}{5}$ hours studying. What is the combined length of time she spent studying?
- 5) Robin's class recycled $10\frac{4}{9}$ boxes of paper in a month. If they recycled another $5\frac{3}{10}$ boxes the next month was is the total amount they recycled?
- 6) Vanessa and her friend were seeing who could pick up more bags of cans. Vanessa picked up $8\frac{1}{2}$ bags and her friend picked up $6\frac{2}{5}$ bags. How much more did Vanessa pick up, then her friend?
- 7) Edward bought a box of fruit that weighed $7\frac{2}{8}$ kilograms. If he gave away $6\frac{2}{7}$ kilograms of fruit to his friends, how many kilograms does he have left?
- 8) A full garbage truck weighed $6\frac{4}{8}$ tons. After dumping the garbage, the truck weighed $2\frac{6}{7}$ tons. What was the weight of the garbage?
- 9) A chef had $6\frac{7}{8}$ pounds of carrots. If he later used $4\frac{1}{2}$ pounds in a recipe, how many pounds of carrots does he have left?
- 10) Gwen had planned to walk $7\frac{8}{10}$ miles on Wednesday. If she walked $6\frac{8}{9}$ miles in the morning, how far would she need to walk in the afternoon?

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Answers

1. $\frac{185}{14} = \frac{185}{14}$
2. $\frac{15}{4} = \frac{15}{4}$
3. $\frac{197}{20} = \frac{197}{20}$
4. $\frac{147}{20} = \frac{147}{20}$
5. $\frac{1417}{90} = \frac{1417}{90}$
6. $\frac{21}{10} = \frac{21}{10}$
7. $\frac{54}{56} = \frac{27}{28}$
8. $\frac{204}{56} = \frac{51}{14}$
9. $\frac{19}{8} = \frac{19}{8}$
10. $\frac{82}{90} = \frac{41}{45}$



Solve each problem.

Answers

$\frac{19}{8} = \frac{19}{8}$	$\frac{204}{56} = \frac{51}{14}$	$\frac{21}{10} = \frac{21}{10}$	$\frac{185}{14} = \frac{185}{14}$	$\frac{15}{4} = \frac{15}{4}$
$\frac{54}{56} = \frac{27}{28}$	$\frac{1417}{90} = \frac{1417}{90}$	$\frac{197}{20} = \frac{197}{20}$	$\frac{82}{90} = \frac{41}{45}$	$\frac{147}{20} = \frac{147}{20}$

- 1) An architect built a road $3\frac{5}{7}$ miles long. The next road he built was $9\frac{1}{2}$ miles long. What is the combined length of the two roads?
(LCM = 14)
- 2) Billy spent $7\frac{1}{2}$ hours working on his reading and math homework. If he spent $3\frac{3}{4}$ hours on his reading homework, how much time did he spend on his math homework?
(LCM = 4)
- 3) Rachel walked $4\frac{1}{10}$ miles in the morning and another $5\frac{3}{4}$ miles in the afternoon. What was the total distance she walked?
(LCM = 20)
- 4) On Monday Maria spent $2\frac{3}{4}$ hours studying. On Tuesday she spent another $4\frac{3}{5}$ hours studying. What is the combined length of time she spent studying?
(LCM = 20)
- 5) Robin's class recycled $10\frac{4}{9}$ boxes of paper in a month. If they recycled another $5\frac{3}{10}$ boxes the next month was is the total amount they recycled?
(LCM = 90)
- 6) Vanessa and her friend were seeing who could pick up more bags of cans. Vanessa picked up $8\frac{1}{2}$ bags and her friend picked up $6\frac{2}{5}$ bags. How much more did Vanessa pick up, then her friend?
(LCM = 10)
- 7) Edward bought a box of fruit that weighed $7\frac{2}{8}$ kilograms. If he gave away $6\frac{2}{7}$ kilograms of fruit to his friends, how many kilograms does he have left?
(LCM = 56)
- 8) A full garbage truck weighed $6\frac{4}{8}$ tons. After dumping the garbage, the truck weighed $2\frac{6}{7}$ tons. What was the weight of the garbage?
(LCM = 56)
- 9) A chef had $6\frac{7}{8}$ pounds of carrots. If he later used $4\frac{1}{2}$ pounds in a recipe, how many pounds of carrots does he have left?
(LCM = 8)
- 10) Gwen had planned to walk $7\frac{8}{10}$ miles on Wednesday. If she walked $6\frac{8}{9}$ miles in the morning, how far would she need to walk in the afternoon?
(LCM = 90)

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