

**Solve each problem. Write your answer as an improper fraction.****Answers**

- 1) An architect built a road $10\frac{1}{3}$ miles long. The next road he built was $8\frac{2}{3}$ miles long. What is the combined length of the two roads?
- 2) On Monday Edward spent $3\frac{4}{10}$ hours studying. On Tuesday he spent another $10\frac{9}{10}$ hours studying. What is the combined time he spent studying?
- 3) Paul drew a line that was $3\frac{1}{9}$ inches long. If he drew a second line that was $7\frac{2}{9}$ inches longer, what is the length of the second line?
- 4) An empty bulldozer weighed $10\frac{3}{6}$ tons. If it scooped up $6\frac{5}{6}$ tons of dirt, what would be the combined weight of the bulldozer and dirt?
- 5) On Monday Janet spent $3\frac{5}{6}$ hours studying. On Tuesday she spent another $2\frac{4}{6}$ hours studying. What is the combined length of time she spent studying?
- 6) A large box of nails weighed $8\frac{4}{5}$ ounces. A small box of nails weighed $5\frac{2}{5}$ ounces. What is the difference in weight between the two boxes?
- 7) Over the weekend Maria spent $4\frac{2}{5}$ hours total studying. If she spent $3\frac{3}{5}$ hours studying on Saturday, how long did she study on Sunday?
- 8) A full garbage truck weighed $7\frac{1}{8}$ tons. After dumping the garbage, the truck weighed $4\frac{4}{8}$ tons. What was the weight of the garbage?
- 9) During a blizzard it snowed $8\frac{3}{6}$ inches. After a week the sun had melted $4\frac{1}{6}$ inches of snow. How many inches of snow is left?
- 10) A restaurant had $8\frac{1}{4}$ gallons of soup at the start of the day. By the end of the day they had $6\frac{3}{4}$ gallons left. How many gallons of soup did they use during the day?

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1. $\frac{57}{3}$
2. $\frac{143}{10}$
3. $\frac{93}{9}$
4. $\frac{104}{6}$
5. $\frac{39}{6}$
6. $\frac{17}{5}$
7. $\frac{4}{5}$
8. $\frac{21}{8}$
9. $\frac{26}{6}$
10. $\frac{6}{4}$



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