Solve each problem.

1) While exercising Roger jogged $3 \frac{5}{9}$ kilometers and walked $6 \frac{1}{2}$ kilometers. What is the total distance he traveled?

2) Sarah's class recycled $3 \frac{7}{9}$ boxes of paper in a month. If they recycled another $9 \frac{7}{8}$ boxes the next month was is the total amount they recycled?

3) A small box of nails was $7 \frac{3}{4}$ inches tall. If the large box of nails was $5 \frac{2}{4}$ inches taller, how tall is the large box of nails?

4) An architect built a road $8 \frac{1}{2}$ miles long. The next road he built was $9 \frac{4}{8}$ miles long. What is the combined length of the two roads?

5) Tiffany bought a bamboo plant that was $10 \frac{2}{3}$ feet high. After a month it had grown another $3 \frac{3}{10}$ feet. What was the total height of the plant after a month?

6) A large box of nails weighed $8 \frac{2}{3}$ ounces. A small box of nails weighed $6 \frac{4}{7}$ ounces. What is the difference in weight between the two boxes?

7) While exercising Cody travelled $13 \frac{3}{5}$ kilometers. If he walked $12 \frac{5}{9}$ kilometers and jogged the rest, how many kilometers did he jog?

8) Mike drew a line that was $5 \frac{1}{3}$ inches long. If he drew a second line that was $4 \frac{5}{7}$ inches long, what is the difference between the length of the two lines?

9) Wendy and her friend seeing who could pick up more bags of cans. Wendy picked up $10 \frac{7}{6}$ bags and her friend picked up $3 \frac{1}{4}$ bags. How much more did Wendy pick up, then her friend?

10) Henry spent $3 \frac{8}{10}$ hours working on his reading and math homework. If he spent $2 \frac{1}{2}$ hours on his reading homework, how much time did he spend on his math homework?
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Answers

1. $10 \frac{3}{18}$
2. $13 \frac{2}{72}$
3. $13$
4. $18$
5. $13 \frac{29}{30}$
6. $2 \frac{2}{21}$
7. $\frac{42}{45}$
8. $\frac{13}{21}$
9. $7 \frac{5}{12}$
10. $1 \frac{3}{10}$
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