Solve each problem.

1) Cody bought a box of fruit that weighed \(3\ \frac{3}{7}\) kilograms. If he bought a second box that weighed \(8\ \frac{1}{3}\) kilograms, what is the combined weight of both boxes?

2) At the beach, Dave built a sandcastle that was \(2\ \frac{2}{5}\) feet high. If he added a flag that was \(2\ \frac{1}{2}\) feet high, what is the total height of his creation?

3) An architect built a road \(4\ \frac{1}{3}\) miles long. The next road he built was \(7\ \frac{2}{4}\) miles long. What is the combined length of the two roads?

4) A small box of nails was \(6\ \frac{2}{5}\) inches tall. If the large box of nails was \(5\ \frac{4}{8}\) inches taller, how tall is the large box of nails?

5) A chef bought \(4\ \frac{5}{9}\) pounds of carrots. If he later bought another \(8\ \frac{2}{4}\) pounds of carrots, what is the total weight of carrots he bought?

6) In two months Isabel's class recycled \(8\ \frac{1}{2}\) pounds of paper. If they recycled \(5\ \frac{7}{8}\) pounds the first month, how much did they recycle the second month?

7) Over the weekend Rachel spent \(3\ \frac{1}{4}\) hours total studying. If she spent \(2\ \frac{2}{5}\) hours studying on Saturday, how long did she study on Sunday?

8) For Halloween, Olivia received \(3\ \frac{3}{10}\) pounds of candy. After a week her family had eaten \(2\ \frac{2}{3}\) pounds. How many pounds of candy does she have left?

9) Kaleb jogged \(4\ \frac{1}{2}\) kilometers on Monday and \(3\ \frac{2}{9}\) kilometers on Tuesday. What is the difference between these two distances?

10) Sam bought a box of fruit that weighed \(3\ \frac{5}{10}\) kilograms. If he gave away \(2\ \frac{6}{9}\) kilograms of fruit to his friends, how many kilograms does he have left?
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### Answers

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