

Name \_\_\_\_\_ Date \_\_\_\_\_

**Solve each word problem below. Simplify your result, if necessary.**

1. In one week, Shirley's family drank  $2\frac{7}{12}$  cartons of regular milk and  $4\frac{3}{8}$  cartons of low-fat milk. How much milk did they drink in all?
2. A contractor bought  $16\frac{3}{10}$  tons of sand, of which she used  $8\frac{4}{5}$  tons to build a playground. How much sand did she have left?
3. At a party, Andre and his friends had  $2\frac{2}{3}$  cheese pizzas and  $4\frac{5}{6}$  pepperoni pizzas. How much pizza did they eat in all?
4. Corey weighed  $63\frac{4}{5}$  kilograms at the beginning of the month and  $66\frac{3}{4}$  kilograms at the end of the month. What is the difference of these weights?
5. Nick used  $7\frac{5}{6}$  packages of soil in his garden one week, and  $6\frac{7}{8}$  packages of soil the next week. How much soil did he use altogether?
6. A restaurant served  $3\frac{1}{4}$  plates of fruit to a large group of customers. If the customers ate  $1\frac{7}{9}$  plates of fruit, then how many plates were left over?
7. A caterpillar crawled for  $3\frac{7}{10}$  cm, and stopped to rest. If the caterpillar continued to crawl for another  $5\frac{3}{4}$  cm, then how far did it crawl in all?
8. Lisa filled a measuring cup with 3 cups of olive oil. Then she poured  $1\frac{5}{8}$  cups of the olive oil onto a salad plate. How much olive oil is left in the measuring cup?
9. An airline agent checked in  $1\frac{2}{7}$  kilograms of baggage for one passenger and another  $2\frac{1}{2}$  kilograms of baggage for his travel companion. If the weight limit for each group of travelers is  $4\frac{1}{6}$  kilograms, then how many kilograms of luggage must they remove in order to board the airplane?
10. Elena bought  $3\frac{2}{3}$  pounds of red peppers and  $1\frac{9}{16}$  of a pound of green peppers. How much more did the red peppers weigh than the green peppers?