

## Party Time!

**Stefan and some friends organized a party for the people in his building. The party was held at a park across the street.**

1. Mr. Hoya brought 5 watermelons from his grocery store. The watermelons weighed  $8\frac{1}{4}$  pounds,  $9\frac{1}{4}$  pounds,  $8\frac{7}{8}$  pounds,  $9\frac{5}{8}$  pounds, and  $10\frac{3}{4}$  pounds. At the party, 153 people each ate a  $\frac{1}{4}$ -pound serving of watermelon. Was the amount of leftover watermelon less than, greater than, or equal to  $8\frac{1}{2}$  pounds? Explain how to solve the problem. Then solve it.

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The amount of watermelon leftover is equal to \_\_\_\_\_ pounds.

2. Mr. Carlucci brought  $8\frac{3}{4}$  pounds of pepperoni for large sandwiches. He cut the pepperoni into  $\frac{1}{12}$ -pound slices. A skateboarder bumped into his table and  $2\frac{7}{12}$  pounds of the pepperoni fell on the ground and was eaten by 3 dogs. Does Mr. Carlucci have enough pepperoni left to make 74 sandwiches if he puts one slice on each sandwich? By how much is he over or under the amount of pepperoni he needs? Show your work.



Name \_\_\_\_\_

**Middle-of-Year  
Performance Task**

- 3.** The Salomans offered to be in charge of drinks for the party. In addition to other beverages, they brought 4 bags of coffee that each held  $2\frac{1}{2}$  pounds. When brewed,  $\frac{1}{4}$  pound of coffee made 8 cups of coffee. The Salomons brewed and served 296 cups of coffee. Was any coffee left over? If so, how much coffee was left? Show your work.
- 4.** Ramone tossed 1 quarter, 2 dimes, and 13 pennies in the wishing well at the party. What is the total amount of money as a fraction and as a decimal? Show your work.



5. At the party there were 380 places to sit, including the benches in the park and the chairs people brought to the party. Of those seats, 0.45 of them were used by women and girls. How many seats were used by men and boys? Is that fraction of the total number of seats less than or greater than  $\frac{3}{5}$ ? Explain your mathematical thinking.

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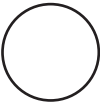
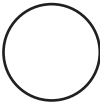
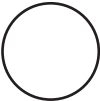
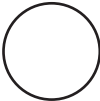
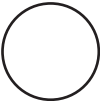
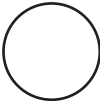
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6. Some of the neighbors played a penny game. Players tossed a penny in a hole and earned that number of points. Each player tossed 3 pennies. The scores from each penny that went in a hole were added for a final score. Was it possible to get a score of 9? If so, how could it have happened?

$8 \times \frac{5}{8}$			$9 \times \frac{3}{4}$
$7 \times \frac{7}{8}$			$8 \times \frac{1}{2}$
$6 \times \frac{3}{8}$			$7 \times \frac{1}{4}$

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Name \_\_\_\_\_

**Middle-of-Year  
Performance Task**

7. Stefan and his friends used four tables for all the dishes the guests brought to the party. The tables were  $2\frac{8}{10}$  meters long, 2.48 meters long,  $2\frac{59}{100}$  meters long, and 2.84 meters long. Demonstrate one way to model these numbers to compare them. Write each as a decimal and order them from greatest to least using symbols.

8. One of the neighborhood apartment buildings has 8 floors. During the party, the elevator in the building was busy taking people up and down. The elevator started on the ground floor. It went up  $\frac{3}{8}$  of the building height, up another  $\frac{2}{8}$  of the building, down  $\frac{4}{8}$ , up  $\frac{6}{8}$ , down  $\frac{3}{8}$ , and up  $\frac{1}{8}$ . What floor is the elevator on now? What move will put it back on the ground floor?

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