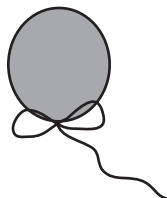


## Mathematics, Grade 4

### Session 1, Open-Response Question



Plain balloons  
12¢ each



Fancy balloons  
16¢ each

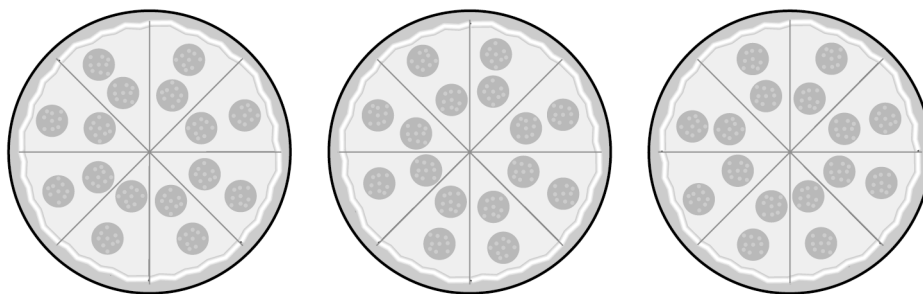
- 13 Plain balloons cost 12¢ each. Fancy balloons cost 16¢ each.
- What would be the total cost for 5 plain and 5 fancy balloons? Explain how you got your answer using pictures, numbers, or words.
  - Mason bought 10 balloons that cost a total of \$1.36. He bought at least one plain balloon and one fancy balloon. How many of each kind of balloon did Mason buy? Show or explain how you got your answer using pictures, numbers, or words.
  - Is there a different way that Mason could have gotten 10 balloons for **exactly** \$1.36? Explain why or why not using pictures, numbers, or words.

Reporting Category/Learning Standard for Item 13: *Patterns, Relations, and Algebra*

## Session 1, Multiple-Choice Questions



- 14 At a class party, 3 pizzas were ordered for the children. Each pizza was divided into 8 equal slices.



Each child ate 2 slices, and there was a quarter of one pizza left. How many children were at the party?

- A. 11
- B. 12
- C. 18
- D. 22

*Reporting Category for Item 14: Number Sense and Operations*

- 15 Josh rounded the number 36,796

- to the nearest ten;
- to the nearest hundred;
- to the nearest thousand;
- to the nearest ten-thousand.

Which two roundings should have produced the same answer?

- A. nearest ten and nearest hundred
- B. nearest hundred and nearest thousand
- C. nearest ten and nearest thousand
- D. nearest hundred and nearest ten-thousand

*Reporting Category for Item 15: Number Sense and Operations*

## Mathematics, Grade 4

- 16 Harry has 6 markers, and Rico has 10 markers. Which of the following actions would result in Harry and Rico having the same number of markers?
- A. Harry gives 2 of his markers to Rico.
  - B. Harry gives 4 of his markers to Rico.
  - C. Rico gives 2 of his markers to Harry.
  - D. Rico gives 4 of his markers to Harry.

*Reporting Category for Item 16: Number Sense and Operations*