

- 25 Claire has 3 bags of marbles with 8 marbles in each bag. Leo has 8 bags of marbles with 3 marbles in each bag. Which number sentence shows that Claire and Leo have the SAME number of marbles?

- A.  $3 + 8 = 8 + 3$
- B.  $8 - 3 = 3 - 8$
- C.  $8 \times 3 = 3 \times 8$
- D.  $8 - 3 = 5$

*Reporting Category for Item 25: Number Sense and Operations*

## Mathematics, Grade 4

- 26 A pattern was used to determine the number of black tiles and the number of white tiles in each figure below.



Figure 1



Figure 2



Figure 3

If the pattern continues, how many black tiles will there be in Figure 5?

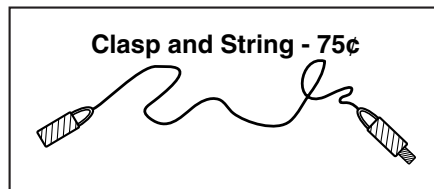
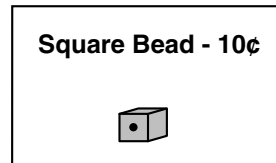
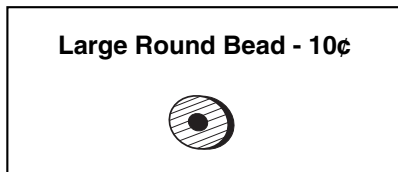
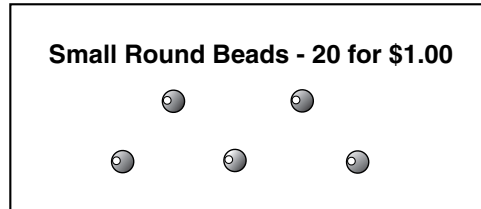
- A. 3
- B. 4
- C. 5
- D. 7

Reporting Category for Item 26: **Patterns, Relations, and Algebra**

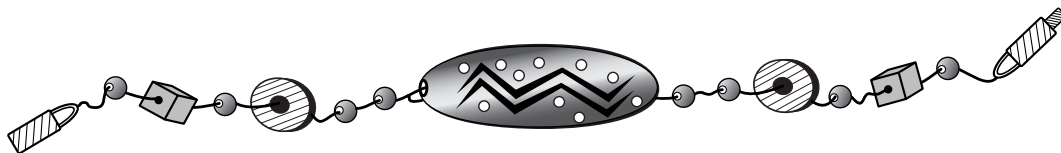
Session 2, Open-Response Question



27 Taylor can choose from the materials below to make a bracelet.



a. Based on the prices above, what would the materials for the bracelet shown below cost? Explain how you got your answer using pictures, numbers, or words.



- b. Taylor used just square beads and small round beads to make a bracelet that cost the same as the bracelet above. Remember that she must also use a clasp and string. How many of each kind of bead did she use? Explain how you got your answer using pictures, numbers, or words.
- c. Design your own bracelet. The total cost must be between \$5 and \$8. You must use at **least** one of each kind of bead. Tell how many of each kind of bead are in your bracelet and give the total cost of your bracelet. Remember that you must use a clasp and string.

Reporting Category for Item 27: *Number Sense and Operations*

