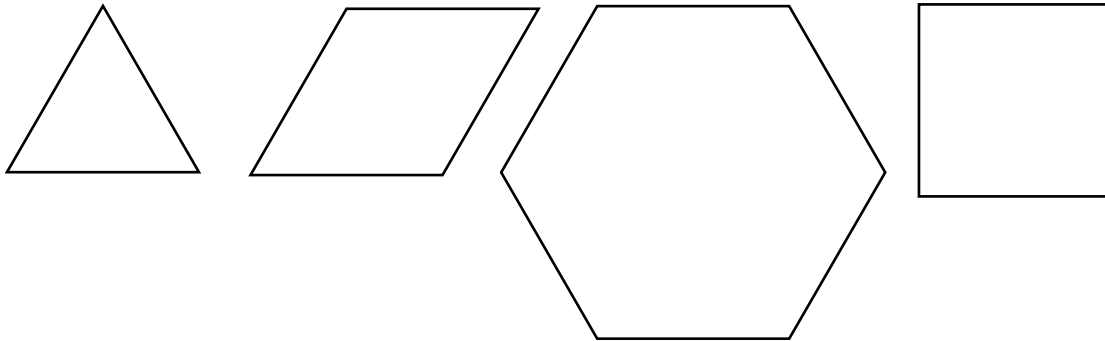
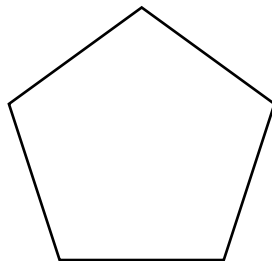


Session 1, Open-Response Question

Use the shapes below to answer question 13.



13. Choose three different shapes from the set above. You will use mathematical language to list FOUR things that describe each shape. You may use the shapes in your tool kit to help you.



Example: If this shape were in the set you chose, two of the things you could write about this shape are:

- It has 5 sides.
 - All sides are equal.
- a. Name one of the shapes you chose. Make a list of FOUR different things that describe this shape.
 - b. Name another one of the shapes you chose. Make a list of FOUR different things that describe this shape.
 - c. Name the last shape you chose. Make a list of FOUR different things that describe this shape.




Reporting Category/Substrand for Item 13: **Geometry and Measurement/Geometry and Spatial Sense (p. 113)**


Mathematics, Grade 4

Session 1, Multiple-Choice Questions

Use the pictograph on the right to answer question 14.

14. Marvin is making a graph to show the number of phones each cellular phone company sold last year. Quick Call Phones sold 13,000 phones. How many telephone symbols are needed to show Quick Call Phones's sales?

| Cellular Phone Sales | |
|----------------------|---|
| Name of Company | Number of Cellular Phones Sold |
| Mobile Phones |  |
| Beep Beep Phones |  |
| On the Go Phones |  |
| Quick Call Phones | ? |

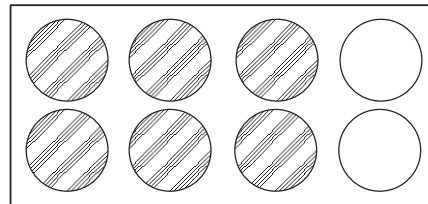
 = 2,000 cellular phones

- A. $5\frac{1}{2}$
- B. $6\frac{1}{2}$
- C. 7
- D. 13

*Reporting Category/Substrand for Item 14: **Statistics and Probability/NA** (p. 114)*

Use the figure on the right to answer question 15.

15. Which fraction shows the part of the set of balls that has stripes?



- A. $\frac{1}{4}$
- B. $\frac{2}{3}$
- C. $\frac{3}{4}$
- D. $\frac{3}{2}$

*Reporting Category/Substrand for Item 15: **Number Sense/Fractions and Decimals** (p. 112)*

16. When we multiply 37 by multiples of 3, we see a pattern. If the pattern continues this way, then $37 \times 21 =$

- A. 777.
- B. 555.
- C. 888.
- D. 666.

$$37 \times 3 = 111$$

$$37 \times 6 = 222$$

$$37 \times 9 = 333$$

$$37 \times 12 = 444$$

*Reporting Category/Substrand for Item 16: **Patterns, Relations, and Functions/Patterns and Relationships** (p. 113)*