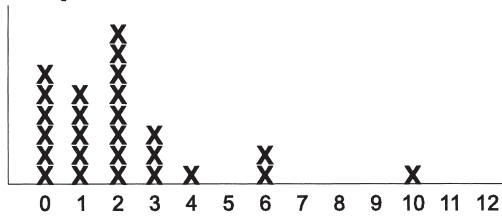


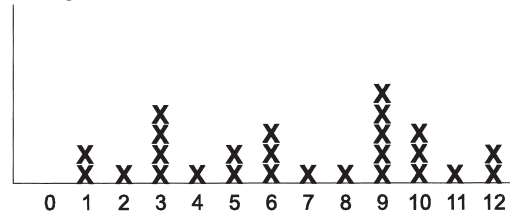
Session 1, Open-Response Question

- 13 Look at the three graphs below. They show information about a class of fourth graders. The titles and labels are missing.

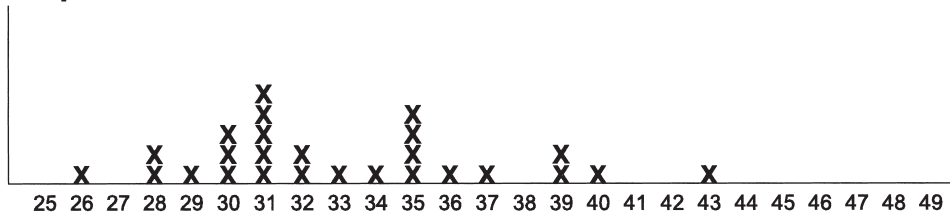
Graph 1



Graph 2



Graph 3



- Which graph would most likely be titled NUMBER OF BROTHERS AND SISTERS? Explain why you chose that graph.
- Which graph would most likely be titled AGES OF PARENTS OR GUARDIANS? Explain why you chose that graph.
- Choose a graph. Write a title for the graph. Explain how your title fits the information in the graph. You may NOT use the titles from parts a and b.

Reporting Category for Item 13: *Data Analysis, Statistics, and Probability* (p. 220)

Session 1, Multiple-Choice Questions

14 A spinner is divided into 8 equal parts.

- $\frac{2}{8}$ of the spinner is red
- $\frac{1}{4}$ of the spinner is blue
- $\frac{1}{2}$ of the spinner is yellow

Which part of the spinner is LARGEST?

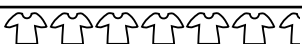




- A. red
- B. blue
- C. yellow
- D. They are all the same size.


Reporting Category for Item 14: *Number Sense and Operations* (p. 217)

Mathematics, Grade 4

Use the pictograph below to answer question 15.

T-Shirts Sold

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

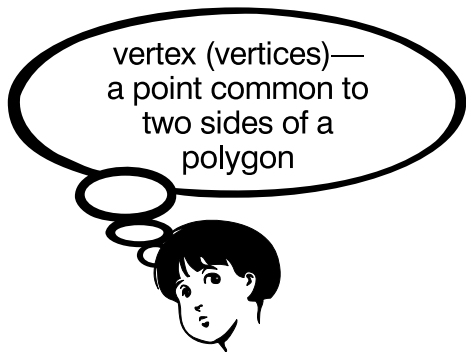
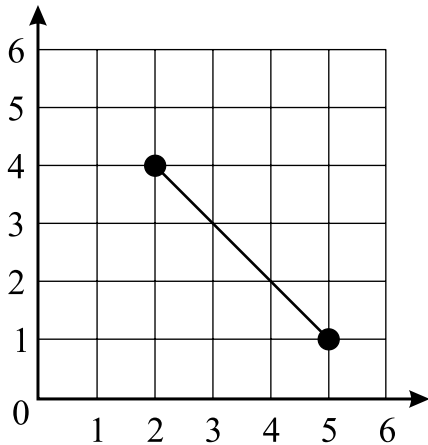
 = 10 T-shirts

- 15** The pictograph shows the number of T-shirts sold each day of School Spirit Week. About how many MORE T-shirts were sold on Tuesday than on Friday?
- A. 4
 - B. 5
 - C. 40
 - D. 45

Reporting Category for Item 15: *Data Analysis, Statistics, and Probability* (p. 220)

Mathematics, Grade 4

Use the grid below to answer question 16.



- 16** Jeremy is drawing a RIGHT TRIANGLE on the grid above. He has marked two of the vertices of the triangle. Which could be an ordered pair for the third vertex?
- A. (5,4)
 - B. (1,1)
 - C. (6,4)
 - D. (5,2)

Reporting Category for Item 16: *Geometry* (p. 219)