Name _____ Date _____

Extra Practice 1

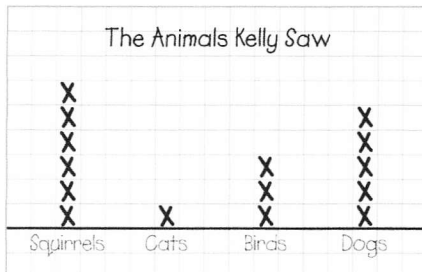**Lesson 1: Collecting and Organizing Data**

1. Work with the class.
   How many brothers and sisters does each student have?
   a) Record the data in a tally chart.
   b) How many students have 3 brothers and sisters?
   c) How many brothers and sisters do most students have?
      How do you know?
   d) What else do you know?

Lesson 2: Line Plots

1. Kelly counted the animals she saw on a walk through the park.
   She recorded the data in a line plot.

   The Animals Kelly Saw

   a) Which animal did Kelly see the most? The least?
      How do you know?
   b) How many more squirrels than birds did Kelly see?
   c) What else do you know from the line plot?

2. Ask the students in your class this question:
   Where would you like to go on the end-of-year school trip?
   a) Record your data in a line plot.
   b) What did you find out?
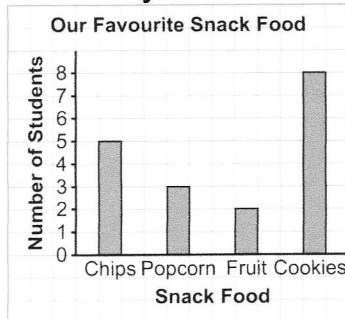   c) Write 2 questions about the line plot.
      Answer the questions.
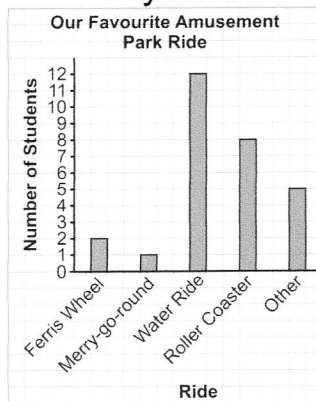

Name _____ Date _____

Extra Practice 2

Lesson 3: Reading Bar Graphs

1. Children from a Grade 3 class were asked:
    What is your favourite snack food?

Our Favourite Snack Food

a) Which snack food is most popular? Least popular?
b) List the snack foods from most popular to least popular.
c) How many children were asked?
d) Make up your own question about the graph.
   Answer the question.

2. Children in a class were asked:
    What is your favourite amusement park ride?

Our Favourite Amusement Park Ride

a) Which ride is most popular?
b) How many children chose the roller coaster?
c) How many more children chose the roller coaster than
   the merry-go-round? Explain how you know.
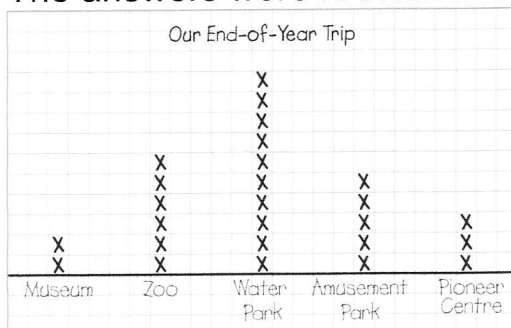d) Write 2 other things you know from the graph.

Name _____ Date _____

Extra Practice 3

Lesson 4: Drawing Bar Graphs

1. The students in a Grade 3 class were asked:
   Where would you like to go for summer vacation?

Choices for Summer Vacation		
Place	**Tally**	**Number of students**
Cottage	ⅣⅡ //	7
Camping	////	4
Florida	ⅣⅡ ⅣⅡ	10
Another province	///	3
Other	//	2

a) Draw a bar graph.
b) What did you find out?

2. Students in a class were asked:
   Where would you like to go on the end-of-year school trip?
   The answers were recorded in a line plot.

Our End-of-Year Trip

a) Draw a bar graph to show the data.
b) How are the graphs the same? How are they different?

Name _____ Date _____

Master 7.22   **Extra Practice 4**

Lesson 5: Using Graphs to Solve Problems

1. Work as a class to solve this problem.
    What activity should grade 3 students do to raise money
    for charity?
    a) List 5 possible activities on the board.
    b) Have each student add a tally mark beside the activity he or she
       chooses.
    c) Copy the data in a tally chart.
    d) Draw a bar graph.
    e) Solve the problem.