

Name \_\_\_\_\_

Date \_\_\_\_\_

### 3<sup>rd</sup> Grade Math Test – Module 6: Lessons 1 – 4

**Directions:** The tally chart below shows a survey of the student's favorite girl scout cookie. Each tally represents 1 student.

Samoas	
Thin Mints	
Shortbread	
Thanks-A-Lot	
Lemonades	

Tally chart from: <http://www.2ndgradeworksheets.net/bargraphworksheets.htm>

The chart shows a total of \_\_\_\_\_ students. (1 point)

**Directions:** Use the tally chart from above to complete the picture graph below.  
**HINT – LOOK AT THE KEY!!!!!!! (5 points)**

Favorite Girl Scout Cookie				
Samoas	Thin Mints	Short Bread	Thanks-A-Lot	Lemonades
Each <input type="checkbox"/> represents 1 student				

**Directions: Use the graph on page 1 to answer the following questions.**

1. The same number of students picked \_\_\_\_\_ and \_\_\_\_\_ as their favorite girl scout cookie. (2 points)
2. How many student chose Samoas and Thin Mints?
3. How many more students chose Thin Mints than Lemonades?

**Directions: Use the tally chart from page 1 to complete the picture graph below. HINT – LOOK AT THE KEY!!!!!! (5 points)**

Favorite Girl Scout Cookie				
Samoas	Thin Mints	Short Bread	Thanks-A-Lot	Lemonades
Each <input type="checkbox"/> represents 2 students				

**Use the graph above to answer the following questions.**

1. What does each ☐ represent? (1 point)

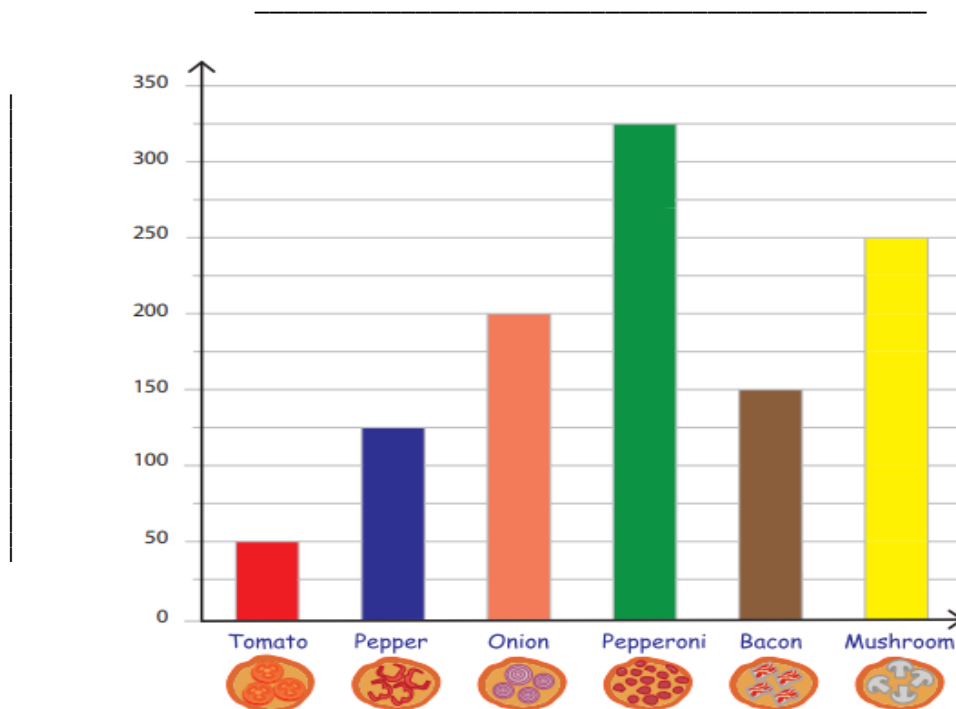
**Directions: Use the graph on page 2 to answer the following questions.**

2. How many students does  $\square\square\square\square\square\square$  represent Write a multiplication sentence and a repeated addition student to show you know how. (3 points)

3. How many more  $\square$  did you draw for Lemonades than for Samoas?

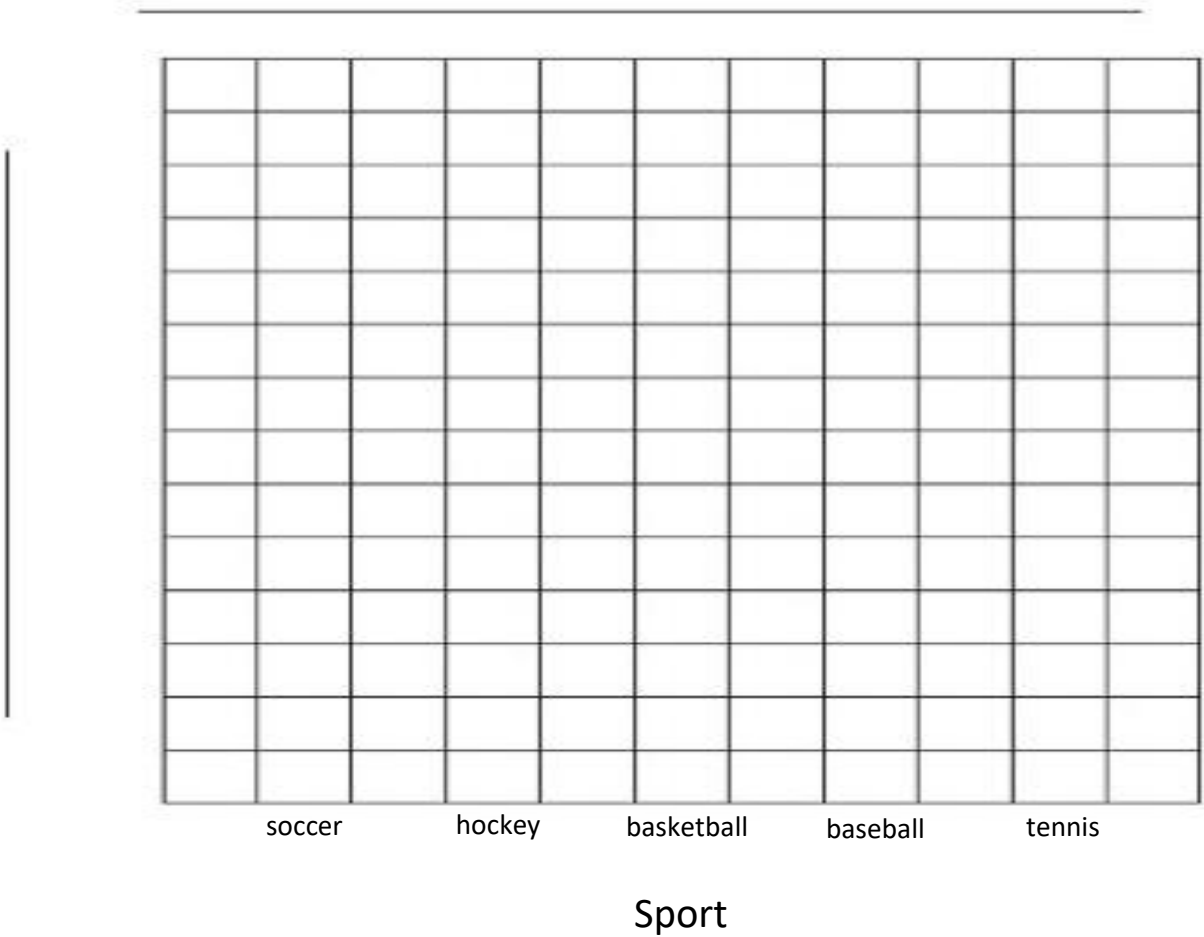
**Directions: Add the labels to the correct spots on the bar graph. (3 points)**

Favorite Pizza Toppings	Topping	Number of Votes
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Directions: Use the data below to create a bar graph. Create an appropriate scale for the graph. HINT: REMEMBER THE LABELS!!!

Number of Votes for your Favorite Sport	
Sport	Number of Votes
Soccer	15
Hockey	10
Basketball	25
Baseball	30
Tennis	5



**Directions:** Use the bar graph on page 4 to answer the following questions.

1. How many fewer people voted for baseball than for basketball and soccer combined? Show your work for each step! (1 point)
2. How many more votes for baseball and soccer than hockey and tennis? Show your work for each step! (1 point)
3. What is the total number of people who voted? (1 point)