



### Grade 1 Math Test: Using Graphs

Name: \_\_\_\_\_

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Please answer all the questions

#### Vocabulary Check

Draw lines to match.

1. picture graph

A graph that uses different pictures to show data.

2. data

To collect data by asking the same question.

3. survey

Numbers or pictures collected to show information.

4. tally chart

A chart that shows a mark for each vote in a survey.

#### Concept Check

Write the totals. Use the tally chart to answer the question.

5. Which sport has more votes than basketball?  
\_\_\_\_\_

| Favorite Sport |       |       |
|----------------|-------|-------|
| Sport          | Tally | Total |
| Football       |       |       |
| Basketball     |       |       |
| Tennis         |       |       |

6. Husam saw fish and crabs at the beach.  
He saw 13 animals in all. If he saw 8 crabs, how many fish did he see?

\_\_\_\_\_ fish

#### Question 7: Count and write the Tally marks

Write the totals. Use the chart to answer the questions.

| What is Your Favorite Color? |       |       |
|------------------------------|-------|-------|
| Color                        | Tally | Total |
| Red                          |       |       |
| Blue                         |       |       |
| Purple                       |       |       |



8. Do more people like red or purple? \_\_\_\_\_

9. How many fewer people like blue than purple?  
: \_\_\_\_\_

10. How many people were surveyed in all?  
\_\_\_\_\_

**Question 8: Solve each Graph below.**

Use the data to make each graph.

**ESSENTIAL QUESTION ?**  
How do I make and read graphs?

3 people walk to school.  
6 people ride the bus.  
4 people ride their bikes.

| How We Get to School |       |       |
|----------------------|-------|-------|
| Way                  | Tally | Total |
| Walk                 |       |       |
| Bus                  |       |       |
| Bike                 |       |       |

**How We Get to School**

|   |      |     |      |
|---|------|-----|------|
| 8 |      |     |      |
| 7 |      |     |      |
| 6 |      |     |      |
| 5 |      |     |      |
| 4 |      |     |      |
| 3 |      |     |      |
| 2 |      |     |      |
| 1 |      |     |      |
| 0 |      |     |      |
|   | Walk | Bus | Bike |

**How We Get to School**

|      |  |  |  |  |  |  |
|------|--|--|--|--|--|--|
| Walk |  |  |  |  |  |  |
| Bus  |  |  |  |  |  |  |
| Bike |  |  |  |  |  |  |

*How I know!*