

## Exploring the World of Math

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

1. We looked at 30 web pages and counted the number of images. Create a frequency table for the data.

9	1	41	1	5	6	8	21	5	5
4	5	12	2	5	7	7	1	0	46
1	28	5	6	10	5	4	2	1	2

### Frequency Table

### Bar Chart with 5 bars


2. What is the percentage of sites with five or less images?
  
3. What is the percentage of sites with 25 or more images?
  
4. What is the range of the data in the above table?

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5. We have collected data on our averages after two weeks in math class. There are 30 people in the class. Order the data from smallest to largest. Find the mean, median, mode and range for the data.

94	62	89	99	77	80	97	65	88	94
96	100	79	94	95	96	81	73	83	74
97	82	92	95	68	51	99	87	52	83

- a. Smallest to largest
  - b. Determine the mean
  - c. Determine the median
  - d. Determine the mode
  - e. Determine the range
6. Create a pie graph for the following data.

Dog	Cat	Cat	Dog	Mouse	Dog	Cat	Cat
Cat	Rabbit	Snake	Cat	Dog	Rabbit	Dog	Cat
Rabbit	Dog	Dog	Snake	Mouse	Cat	Rabbit	Dog
Dog	Mouse	Cat	Rabbit	Cat	Mouse	Dog	Rabbit

Position	Tally	Total	Percentage