NAME:


## Activity One

1) Survey your class to find out which holiday they like the best, then graph it below.

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| New Year's | Spring <br> Break | May Day Summer | Thanksgiving | Remembrance <br> Day | Christmas |  |

a) Which was the favorite holiday?
b) Which was the least favorite holiday?
c) How many people chose the same holiday as you?
d) What other information can you write about from the graph?
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NAME:


## Activity Two

| Sport | Tally |
| :---: | :---: |
| Basketball | \||||| |
| Soccer |  |
| Volleyball |  |
| Baseball |  |
| Tennis | \|11|| |
| Golf | \\|\|\|\| \|\|\|\| \|\|\|\| \|\|\|\| \|\|\|\| |

a) Which sport was chosen the most?
b) Which sport was chosen the least?

c) How many more chose volleyball than basketball?
d) Which sport was the second favorite sport?
e) How many more chose golf than baseball?
f) Which sport did 20 people choose?


NAME:

## Activity Three

3a) Roll a six-sided die 24 times. Tally the number of times you rolled each number.

| Number | Tally |
| :---: | :---: |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |

b) Create your graph in the space below using the data you recorded in the chart above.

|  |  |  |  |  |  |  |  |  |  |
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NAME:


## Activity Four

4) The Groundhog comes out of his home in the spring. If he sees his shadow he goes back into his home and spring will begin later.

Yes - the Groundhog will see his shadow and we will have a late spring.
No - he will not see his shadow and we will have an early spring.
Ask your classmates to predict whether the Groundhog will see his shadow or not, then record your data in the tally chart below.

|  | Yes to Shadow | No to Shadow |
| :--- | :--- | :--- |
| Number of Votes |  |  |

a) Is it certain or uncertain that the groundhog will see his shadow? Explain your answer.
b) Which answer had the most votes? Why do you think it had the most votes?

NAME:


## Activity Five

5) From the list below, answer the following questions:
Bat Shark Wolf Spider

## Electric Eel <br> Bear <br> Cougar

a) Which animal do you think is the scariest?
b) Predict which animal you think will get the most votes for being the scariest.

Ask your classmates what their scariest animal is from the list above, then create a tally chart to display this information.

| Bat | Shark | Wolf | Spider | Electric <br> Eel | Bear | Cougar |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |

Answer the following questions based on the tally chart above.
c) The $\qquad$ was chosen as the scariest animal. Why do you think that is?
d) The $\qquad$ was chosen as the least scary animal. Why do you think that is?
e) Rank the animals in order from being the scariest to the least scary.

NAME:


## Activity Six

6) Ask your classmates what month(s) they lost a tooth during the school year.
Fill out the chart below with the information you gather.

| Month | Person |
| :--- | :--- |
| September |  |
| October |  |
| November |  |
| December |  |
| January |  |
| February |  |
| March |  |
| April |  |
| May |  |
| June |  |

a) When did most of the students lose their teeth?
b) Is there a pattern for when a tooth was lost?
c) Which month had the fewest students losing their teeth?

Answers will vary.
a) Volleyball
b) Tennis and
Basketball
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4
0
0
0
$\stackrel{\circ}{-}$
f) Soccer
$\because$

