## NCTM Process Standards Rubric

 Data Analysis \& Probability - Drill Sheets

## 8a) Jonathan's marble collection is shown below.

Ex: If you put these marbles in a bag, what color are you less likely to pick? orange


1. How many marbles are there all?
2. How many marbles are
3. How many $m$ rblec-are range?
4. How many marhes e green?
5. How many more marbles are blue than orange? $\qquad$
6. How many marbles are gray, green, or purple? $\qquad$
7. If you put these marbles in a bag, what color are you most likely to pick? $\qquad$
8. If you put these marbles in a bag, are you less likely to pick a gray marble or an orange marble? $\qquad$
9. How many gray marbles are there? $\qquad$
10. How many marbles are not blue? $\qquad$

## Review C

a) The chart below shows the different favorite places the students of Mr. Sorenson's class like to spend time.

1. What was therim se spend time?
2. What was fi vorite place to spend time?
3. How many sud is took this survey?
$\qquad$
$\qquad$
4. How many students chose the beach?
5. How many students chose the mall?
6. How many students chose their friend's house?
7. How many students chose the park?
8. How many more students chose the beach than the mall?
9. How many more students chose their friend's house than the park?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
10. Suppose another student was added to this chart. What would his or her favorite place most likely be?

## Class Survey

Survey the class and tally up how many people put each topping listed in the chart below on their hamburger.
Color in the chart with how many people liked each topping.


1. How many people like vegetables on their hamburger?
2. How many people like cheese on their hamburger?
3. How many people like mustard and ketchup?

| 15 |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 14 |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |  |
|  | Pickle | Lettuce | Cheese | Tomato | Onion | Mustard | Ketchup |

