

Candy Math Fun

This is an edible math activity using hands-on manipulative materials that kids can actually eat. It reinforces percentage, estimating, fractions, line plotting, mean, median, and mode. It can be used across many age/grade ranges and can be modified to suit any level.

Objectives: TSWBAT review their understanding of estimation, sorting, graphing, fractions, and percentage. They will also review the measures of central tendency by determining mean, median, and mode.

Materials:

- individual small bags of candies (Skittle's, M and M's, etc)
- copies of worksheets for each student
- pencils
- colored pencils or markers
- posty notes

Directions:

1. Hand out worksheet 1 along with a small bag of candy for each student. Do not allow students to touch their bags of candy! Have students estimate how many candies are in their bags and write their estimate on the top of ws 1.
2. Have students predict how many of each color they have in their bag and write down the predictions.
3. Allow students to open their bags of candy and record their actual total and total of colors on ws 1.

4. Have each student record their total of candies on a posty note and put it on a line plot on the board. As a class, find the mean, median, and mode. Find the average and compare with the mean.
5. Students then will complete ws 2 making a bar graph for their candies using the same colors as the color of their candies.
6. Next, have students turn their gathered information into fractions and percentages on ws 3.

Candy Math Fun (1)

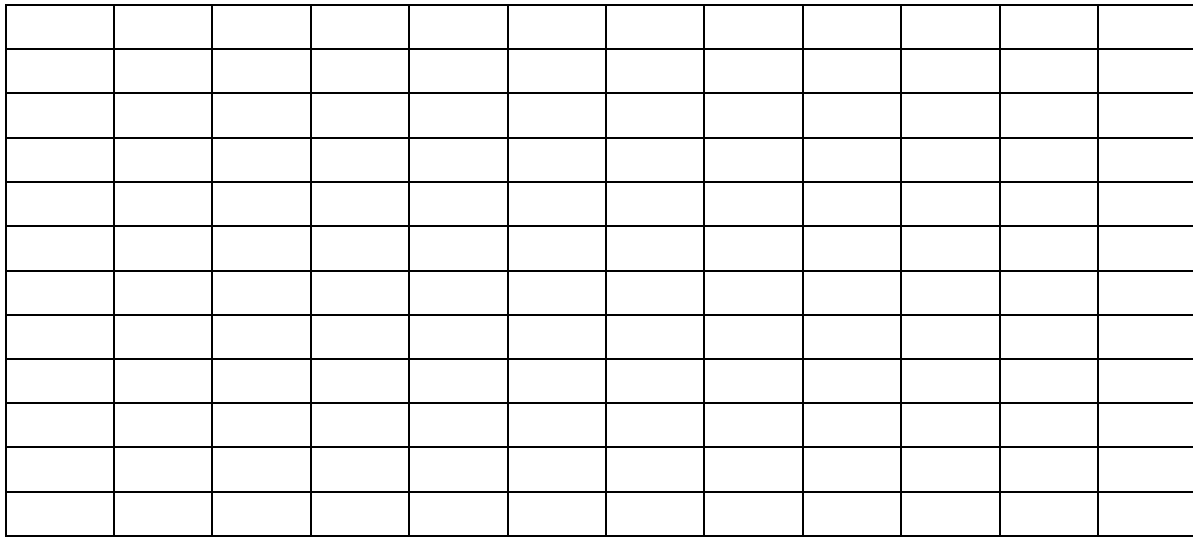
Without opening or touching your bag of candy, estimate how many are inside and record below. Predict how many and which colors you will have. Then, open your bag and find your actual total and how many you have of each color. Record your results below.

Estimated total =	Actual total:
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COLORS	PREDICTION	ACTUAL AMOUNT
TOTAL		

Candy Bar Graph (2)

Make a bar graph for the colors of candies in your bag. Write the colors on the bottom of the graph and color using the same color crayon as the candy.



COLORS

Candy Math Worksheet (3)

Using the information from your 1st page, convert each color into a fraction and a percent using the tables below. Write the colors in the blanks provided.

TOTAL number of candies: _____

Fraction chart (ex. 3/10)

Color =	Color =	Color =
Color =	Color =	Color =
Color =	Color =	Color =

Percentage chart %

Color =	Color =	Color =
Color =	Color =	Color =
Color =	Color =	Color =

Now eat your candy if you'd like!