Practicing Percents

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✿✿✿ TEACHER Tips ✿✿✿

✿ Pass out the multi-colored candy that you plan to use with your students. Smarties are cheap and work great! :)

✿ Each student counts how many candies he or she has and writes it in the top oval of his/her paper.

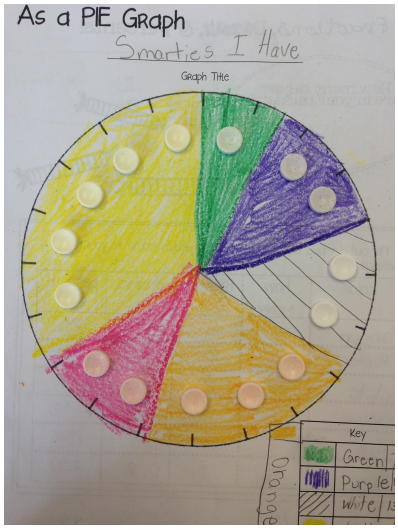
✿ Students list colors. Each student counts each color, and works through the columns to figure the percent he or she has of each color. (If possible, allow students to use calculators. This helps students focus on the PROCESS of finding percentages.)

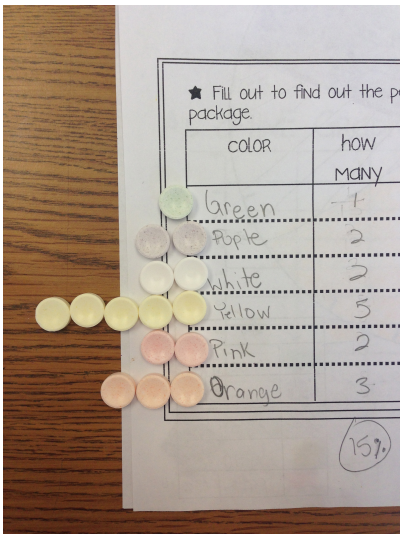
✿ Have students graph their results and discuss. (A Pie Graph is the easiest to visualize 100% of the candies. Have students lay their candies on each section to make the correlation between the size of the slice and amount of each color.)

To figure out the percentage:

of the color / Total # of candies

x 100 = **%** of each color



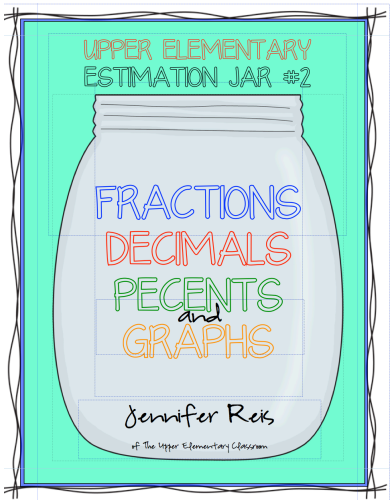


Have students lay their candies down to make a bar graph. (A bar graph makes it easy to see which color had the most candies.)

Smarter Balanced Claim #4 Modeling and Data Analysis

"Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems."

For more percentage practice, check out the Fraction, Decimal, Percent, and Graphing Estimation Jar in my store!



For more math activities, visit my store:

http://www.teacherspayteachers.com/Store/The-Upper-Elementary-Classroom

Be sure to FOLLOW me for more FREEBIES too!

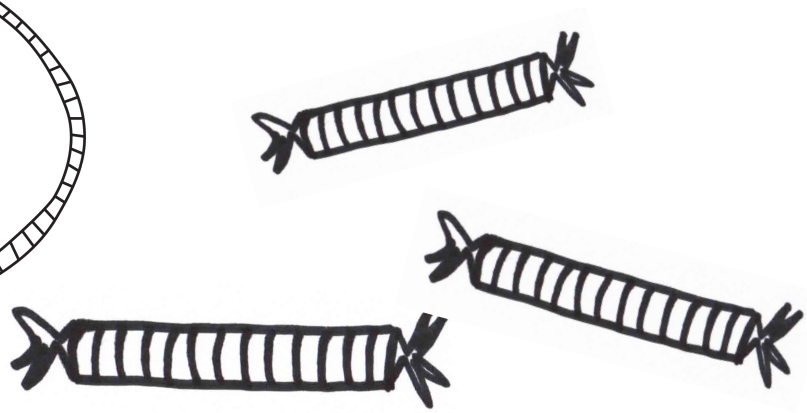
Have a great school year!

-Jen

Name:

Fractions, Decimals, & Percents!

How many total candies are in your package?



★ Fill in to find the percentage of each color in your package.

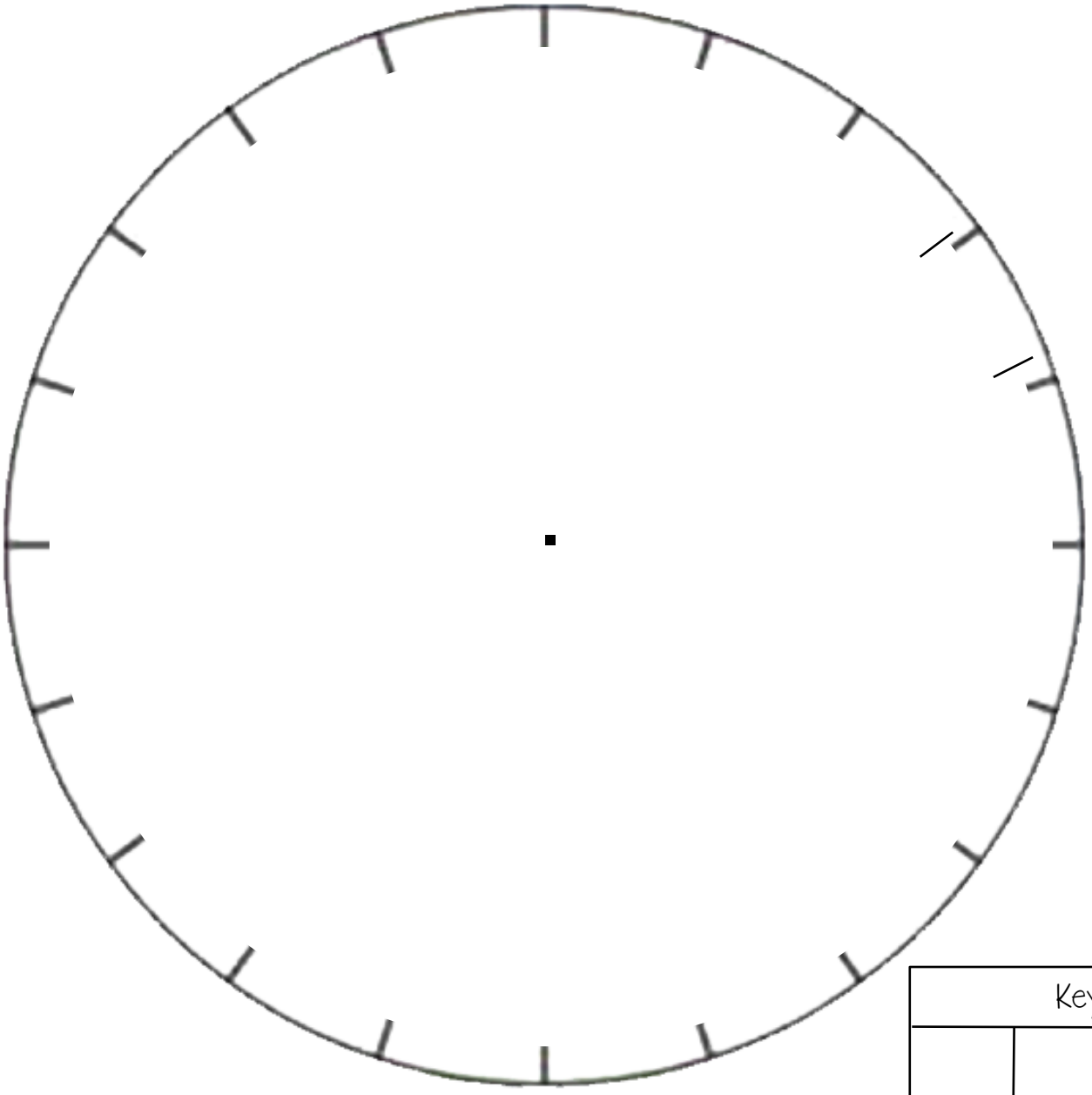
COLOR (Example is based on 15 candies in the package)	how many	fraction $\frac{\text{\#color}}{\text{\# of total candies}}$	decimal (numerator divided by DENOMINATOR)	percent x 100 =
PINK	5	5/15	0.33	33%
	Sum of All Colors:	Sum of All Fractions:	Sum of All Decimals: 1.00	Sum of All Percents: 100%

Do these match? Why should they?

★GRAPH your data.

_____

Graph Title



Key	

Hint: Each tic mark is 5%.