

M&M Pizza

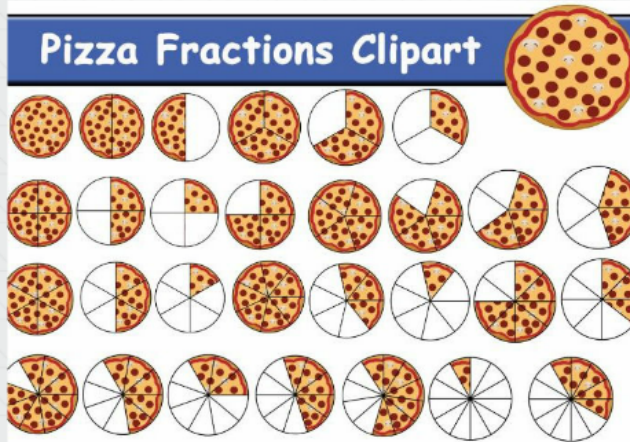
Learning Objective

Today, I will demonstrate that I know how to compare fractions with different numerators and denominators using the $<$, $>$, and $=$ symbols by successfully completing the M&Ms activity and the Kahoot! assessment

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Comparing Fractions

Pizza Fractions Clipart



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M&MS Activity

Activity Instructions

1. Students will be given a bag of M&M's and asked to count the number of M&M's of each color.

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Time to Take Some Data!

1. Each group of 4-6 students will be given a bag of M&M's and asked to count the number of M&M's of each color.

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Finding a Common Denominator



Discussing the Activity

1. How did you compare fractions that had different numerators?
2. How did you compare fractions that had different denominators?
3. Did you find any fractions that were equivalent, but had different denominators? Discuss why this is possible.

Key Vocabulary

- Fraction
- Numerator
- Denominator
- Greater Than
- Less Than
- Equal To



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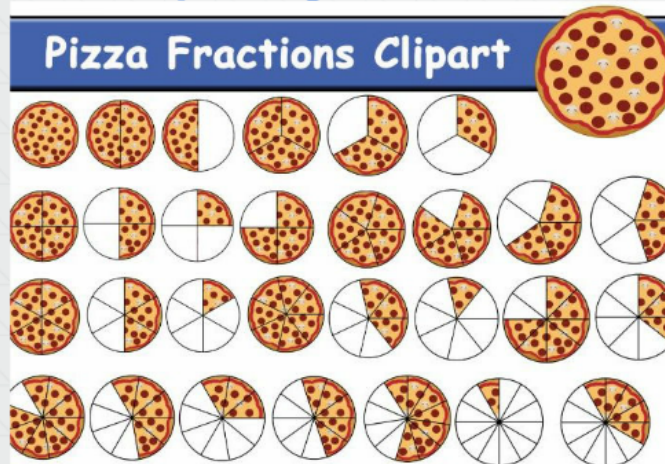
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M&MS Activity



Activity Instructions

1. Students will be given 10 M&M's candies each.
2. They will count the number of M&M's candies of each color.
3. They will write the number of M&M's candies of each color on a piece of paper.
4. They will compare the number of M&M's candies of each color to the number of M&M's candies of another color.
5. They will use the symbols $<$, $>$, and $=$ to compare the number of M&M's candies of each color to the number of M&M's candies of another color.

Time to Take Some Data!

1. Each student will be given 10 M&M's candies.
2. They will count the number of M&M's candies of each color.
3. They will write the number of M&M's candies of each color on a piece of paper.
4. They will compare the number of M&M's candies of each color to the number of M&M's candies of another color.
5. They will use the symbols $<$, $>$, and $=$ to compare the number of M&M's candies of each color to the number of M&M's candies of another color.



Finding a Common Denominator



Discussing the Activity

1. How did you compare fractions that had different numerators?
2. How did you compare fractions that had different denominators?
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Learning Objective

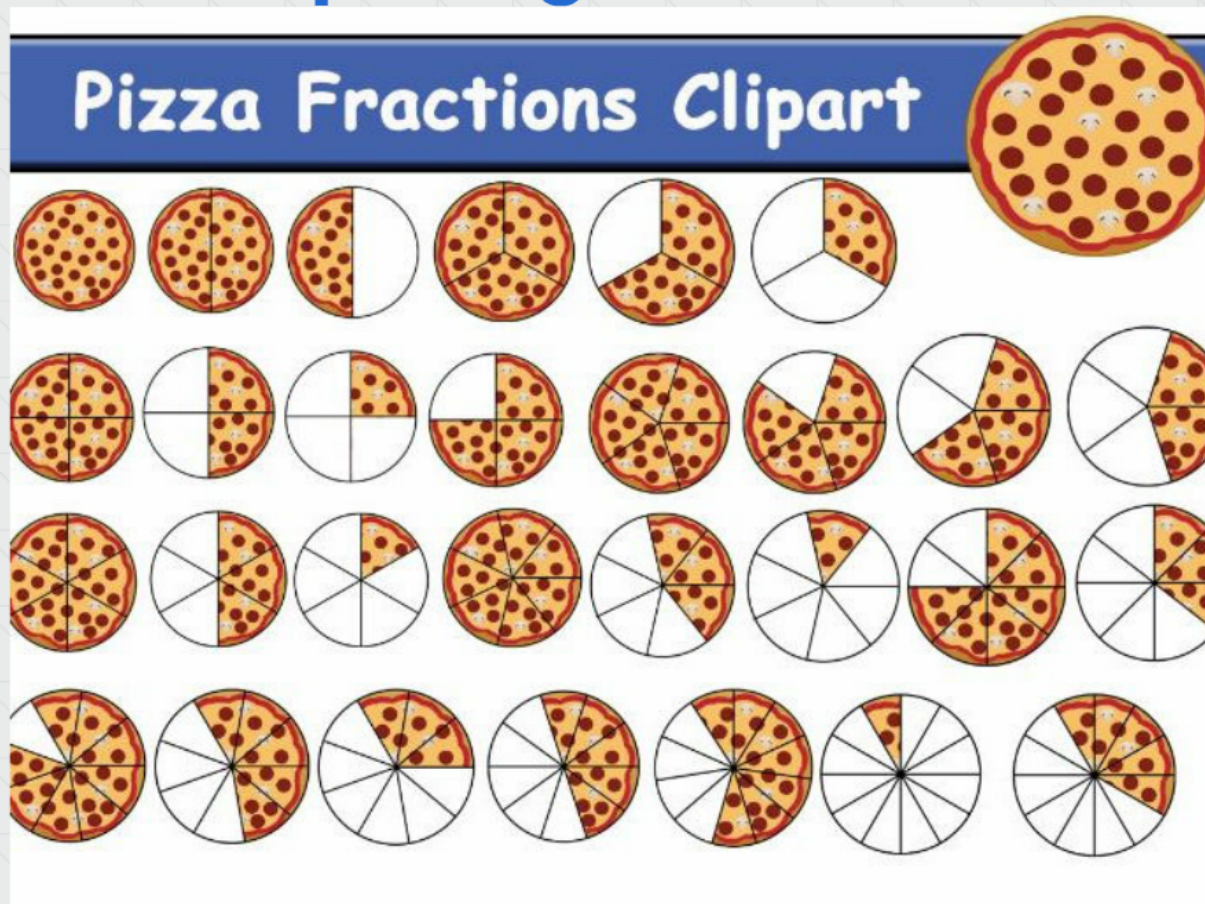
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Comparing Fractions



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M&MS Activity

Activity Instructions

1. Sort each color of M&M into its color cloud
2. Count how many of each color are in the color clouds
3. Write the number of M&Ms underneath the color cloud
4. Write the fractional representation of each color of M&M

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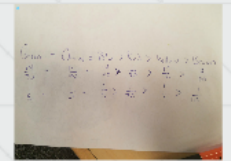
Time to Take Some Data!

1. Walk around the table and write down data on other partners worksheets
2. Write down the fractions that each person found for each color.
3. Sort the fraction data for each color from least to greatest, using greater than, less than, and equal to symbols

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Finding a Common Denominator

Key Vocabulary

BROWN M&MS



#= 7 Fraction = $\frac{7}{70} = \frac{1}{10}$

GREEN M&MS



#= 14 Fraction = $\frac{14}{70} = \frac{1}{5}$

YELLOW M&MS



#= 10 Fraction = $\frac{10}{70} = \frac{1}{7}$

RED M&MS



#= 11 Fraction = $\frac{11}{70}$

ORANGE M&MS



#= 14 Fraction = $\frac{14}{70} = \frac{1}{5}$

BLUE M&MS



#= 14 Fraction = $\frac{14}{70} = \frac{1}{5}$

Activity Instructions

- 1. Sort each color of M&M into its color cloud**
- 2. Count how many of each color are in the color clouds**
- 3. Write the number of M&Ms underneath the color cloud**
- 4. Write the fractional representation of each color of M&M**

Time to Take Some Data!

- 1. Walk around the table and write down data on other partners worksheets**
- 2. Write down the fractions that each person found for each color.**
- 3. Sort the fraction data for each color from least to greatest, using greater than, less than, and equal to symbols**