

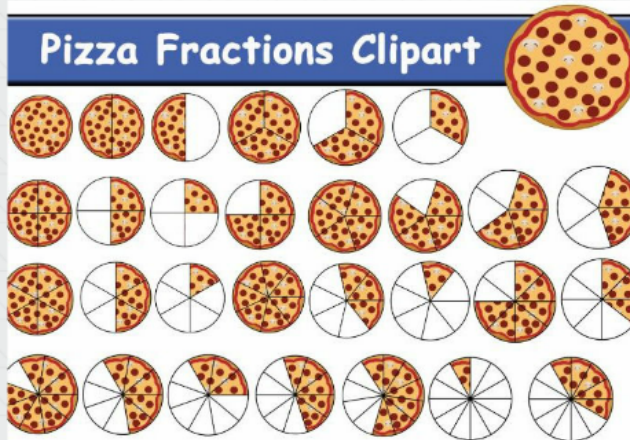
# M&M Pizza Case

## 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

## Comparing Fractions

### Pizza Fractions Clipart



## M&MS Activity

### Activity Instructions

1. Each group will be given 10 M&M's candies.  
2. Each group will be given a fraction card.  
3. Each group will be given a bowl of M&M's.  
4. Each group will be given a timer.  
5. Each group will be given a worksheet.

### Time to Take Some Data!

1. Each group will be given a fraction card.  
2. Each group will be given a bowl of M&M's.  
3. Each group will be given a timer.  
4. Each group will be given a worksheet.



### 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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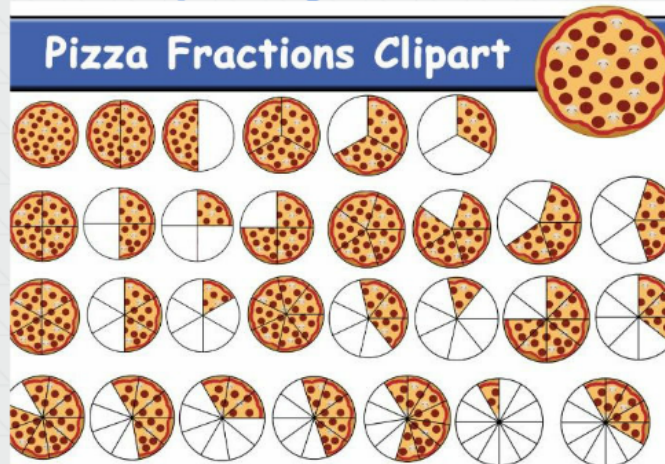
# M&M Pizza Case

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## Comparing Fractions

### Pizza Fractions Clipart



## M&MS Activity

### Activity Instructions

1. Sort the M&Ms by color and count the number of each color.  
2. Write the number of each color on a separate sheet of paper.  
3. Compare the numbers and write the symbols  $<$ ,  $>$ , or  $=$  between the numbers.

### Time to Take Some Data!

1. Each student will get 10 M&Ms and sort them by color.  
2. Each student will write the number of each color on a separate sheet of paper.  
3. Each student will compare the numbers and write the symbols  $<$ ,  $>$ , or  $=$  between the numbers.



### Finding a Common Denominator



### Discussing the Activity

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

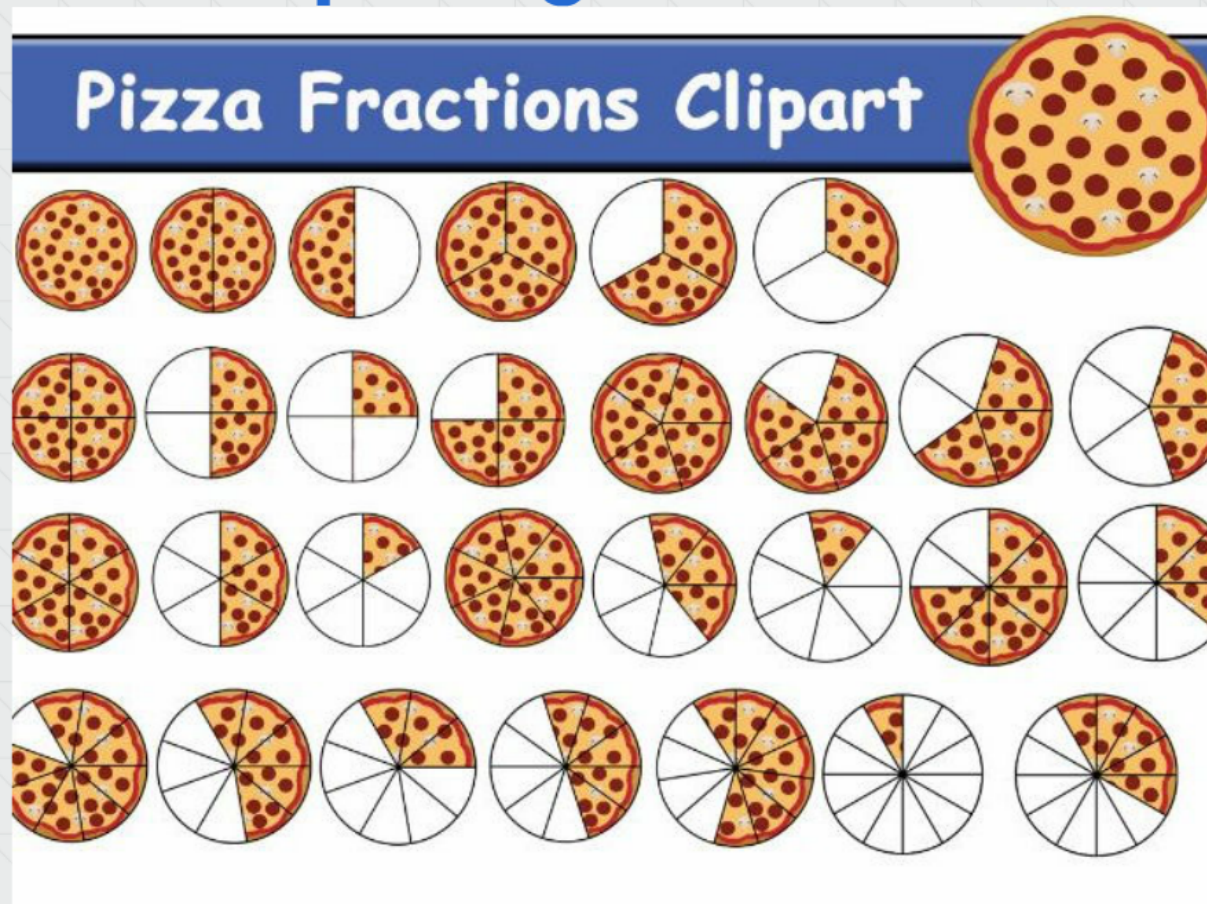
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### Learning Objective

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## Comparing Fractions



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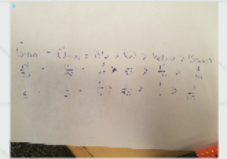
# M&MS Activity

## 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

## 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



## 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!**

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