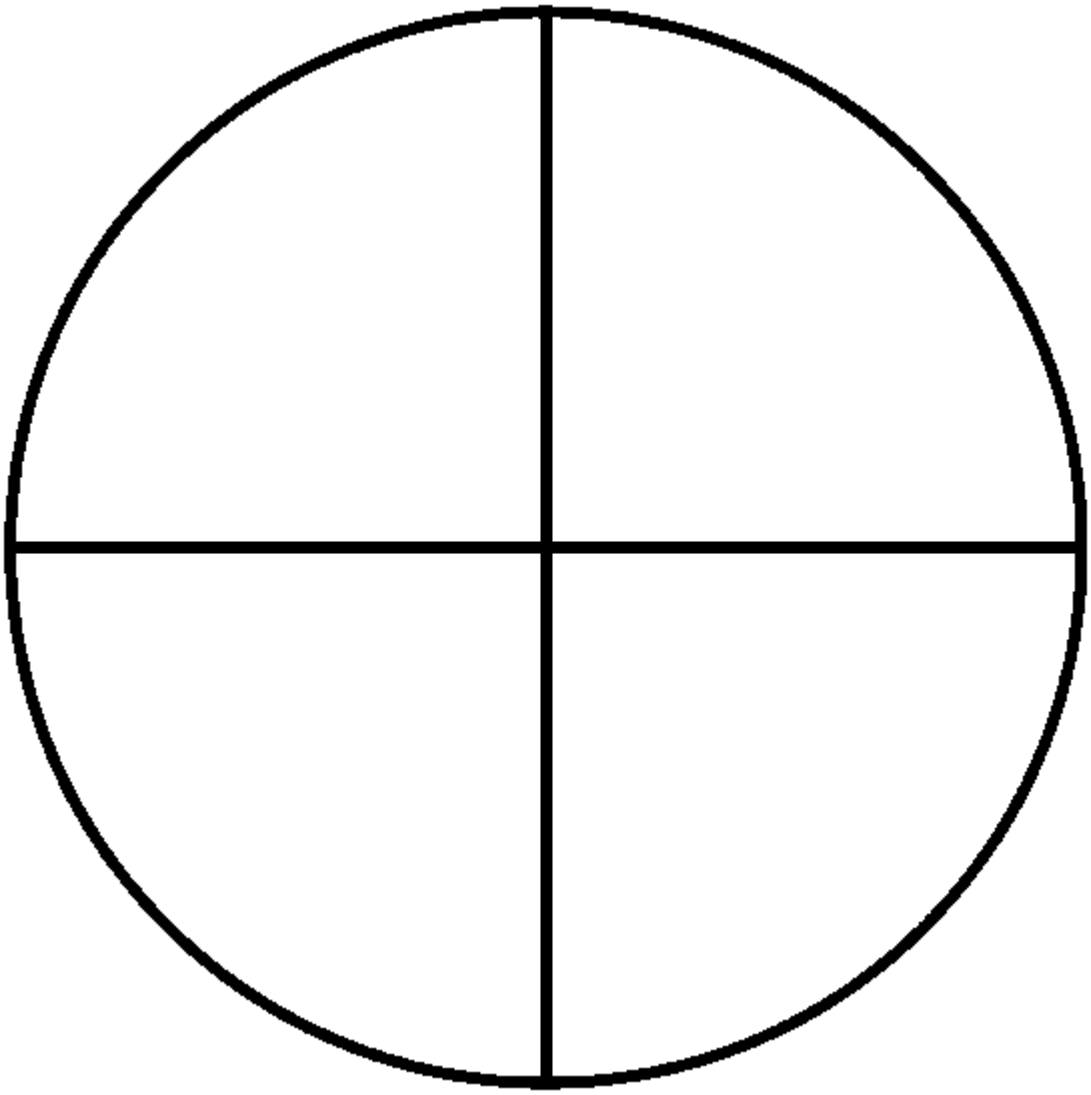
Pie Graphs and Percentages



Get four M&Ms, one green, one red, one yellow, and one orange.
You will create a pie chart that shows the percentage of color.

This pie graph represents your M&Ms.
Color each part of the circle the corresponding color of M&M.

Think about each section as a quarter. Remember, four quarters equals one dollar. The name "quarter" came from the fact that one quarter is one-fourth of the whole dollar. So one-fourth of a dollar is a quarter or 25 cents.

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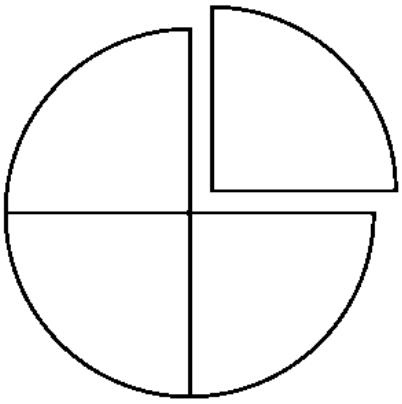
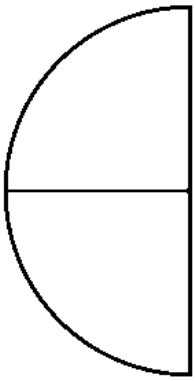


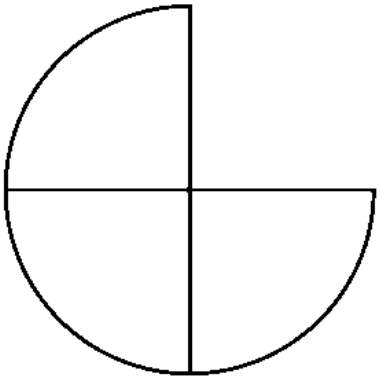
Can you see that one-fourth of the circle is colored for each M&M? Remember how one quarter is equal to 25 cents? Well, one-fourth of our pie chart is 25 percent, which we write as 25%.

_____ quarter = _____%



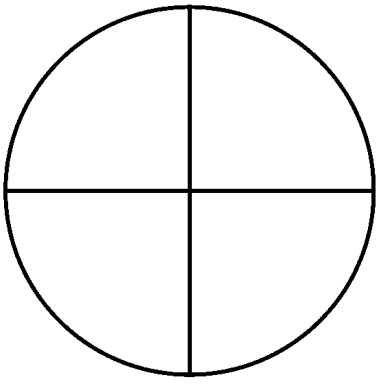
What part of your pie chart is red and yellow? How many cents is a half dollar worth? 50 cents....so half of our chart is 50 percent, written 50%.

_____ quarters = _____ half = _____%



What part of the chart is red, yellow, and orange? Three of the four parts is colored. That would be like counting out three of the four quarters in a dollar. Count... 25 cents, 50 cents, 75 cents. Can you guess what percent is three of the four parts? 75 percent, written 75%.

_____ quarters = _____%



How much of the chart is colored that represents red, yellow, orange, and green? It is like counting the four quarters...25 cents, 50 cents, 75 cents, one dollar. How many cents are in one dollar? 100 cents are in one dollar, so having the entire pie chart colored is 100 percent, written 100%.

_____ quarters = _____halves = _____%