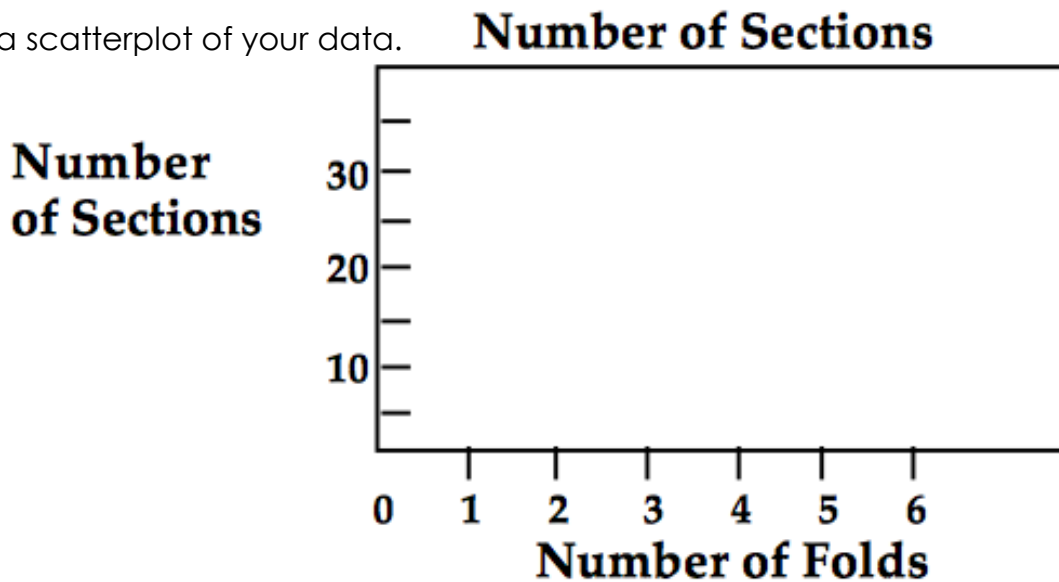


The Paper Folding Activity

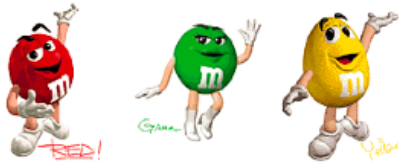
Part 1: Number of Sections **Number of Sections**

Number of Folds	Number of Sections
0	
1	
2	
3	
4	
5	
6	

1. Fold an 8.5 x 11" sheet of paper in half and determine the number of sections the paper has after you have made the fold.
2. Record this data in the table and continue in the same manner until it becomes too hard to fold the paper.
3. Make a scatterplot of your data.



4. What might be different if you tried this experiment with an 8.5 x 11" sheet of wax paper or tissue paper?



The "M&M"[®] Investigation

Part 1: Collecting Data

1. **Empty** your bag of M&M's AND **count** them. Then place them **back in the bag**, and mix them well. Pour them out on the desk, count the number that show an "m", and place these back in the bag. The others may be eaten or removed. Record the number that show an "m" in your data table then repeat this procedure. Continue until the number of M&M's remaining is less than but greater than 0.

Number of M&M's Remaining

Trial Number	Number of M&M's remaining
0	
1	
2	
3	
4	
5	
6	

5

2. Make a scatterplot of your data.

