

How to Graph Data

Choose the best type of graph for each of the following sets of data. Sketch a graph representing the data.

1.

Most Common Eye Color	
# with blue eyes	
# with green eyes	
# with brown eyes	
# with hazel eyes	

2. Out of 100 students surveyed to find their favorite color, 28 liked purple, 52 liked blue, 20 liked green.

3. Julie conducted an experiment on plant fertilizer. She compared Star fertilizer, Wal-mart fertilizer and Miracle-gro fertilizer. She measured and recorded her results each day, on days 5-10. The following data table shows her results. Make a graph to compare the growth of the three different variables and the control.

Day	Star Fertilizer	Wal-mart Fertilizer	Miracle-Gro Fertilizer	Control
5	5 Inches	5 Inches	5 Inches	4 Inches
6	5 Inches	5 ½ inches	5 ½ inches	4 inches
7	5 ½ inches	6 inches	6 ½ inches	4 inches
8	5 ½ inches	6 ½ inches	7 inches	4 ½ inches
9	6 inches	7 inches	8 inches	4 ½ inches
10	6 ½ inches	7 ½ inches	9 inches	4 ½ inches

***Use statistics taken in class

4. What kind of animals to people have in this class?

Animals	
No animals	
Domestic Pets	
Some Livestock	
Many Livestock (farms)	

5. What type of plants/crops does this class grow?

Plants/Crops	
No garden	
Garden	
Some crops	
25+ acres of crops	

6. What career areas do parents work in?

Career Areas	
Manufacturing, Building, Construction	
Production Agriculture	
Sales/Public Relations/Business	
Other	

7. How many Siblings to my classmates have?

Siblings	
0	
1-2	
3-5	
6+	