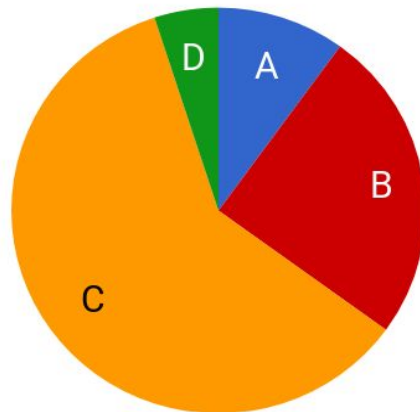


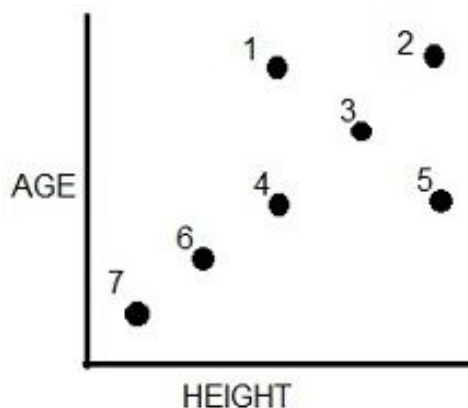
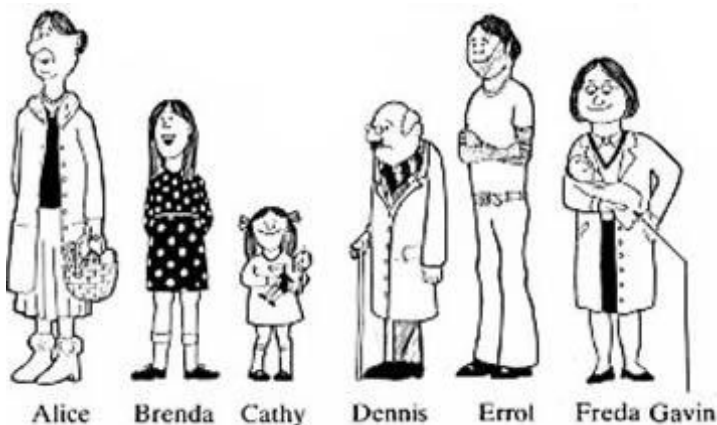
Interpreting Graphs

1. Mr. M's class grades were graphed as a **pie graph**. Based on this graph:

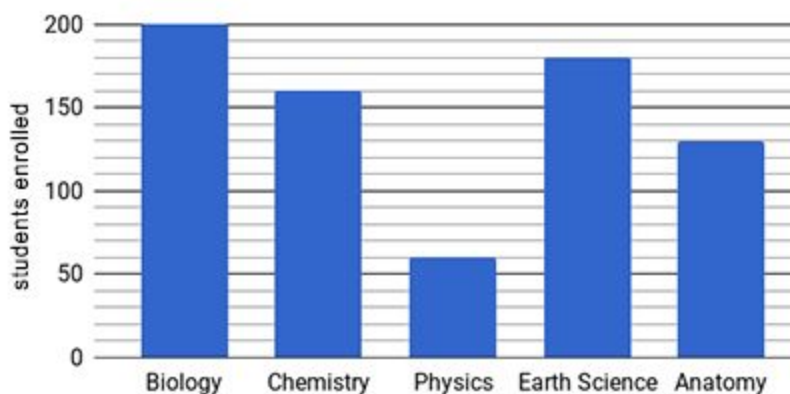


- The largest percentage of students received what grade? _____
- Estimate what percentage of the class received a B. _____
- Estimate what percentage of the class received an A. _____
- Based on the graph, do you think Mr. M's class is difficult? Why or why not?

2. The **scatter plot** shows a bus stop where those waiting at the bus are plotted by their height and by their age. Identify which dot goes with which passenger.

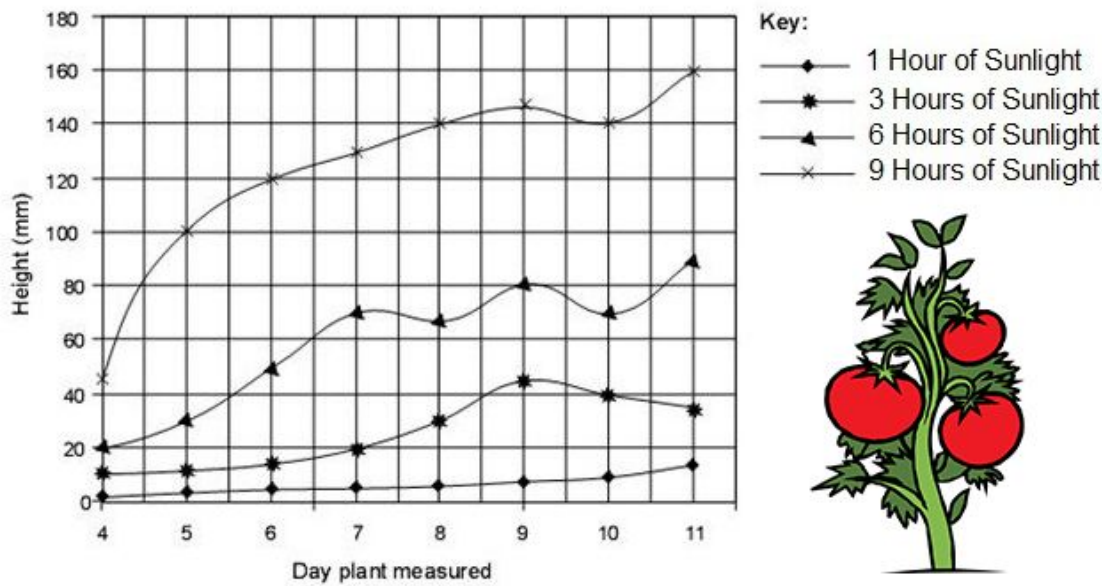


3. The **bar graph** compares the number of students enrolled in classes.



- What class has the highest enrollment? _____
- How many students are enrolled in Chemistry? _____ Anatomy? _____
- Which course is the least popular? _____
- A new course is added; forensic science has 160 students enrolled. Add this bar to the graph shown.

4. This **line graph** compares the growth of plants that were kept in the sun for different amounts of time.



- On Day 7, the plants kept in the sun for 3 hours were how tall? _____
- On Day 7, the plants kept in the sun for 6 hours were how tall? _____
- On Day 10, the plants kept in the sun for 9 hours were how tall? _____
- On Day 11, the plant that was grown with 1 hour of sunlight was how tall? _____
- Based on the graph, the plant grows best in what amount of sunlight? _____

5. The line graph shows the number of worms collected and their lengths.

- What length of worm is most common? _____
- What was the longest worm found? _____
- How many worms were 6 cm long? _____
- How many worms were 7.25 cm long? _____
- The peak of the curve represents the
[longest worms / average worms]

