

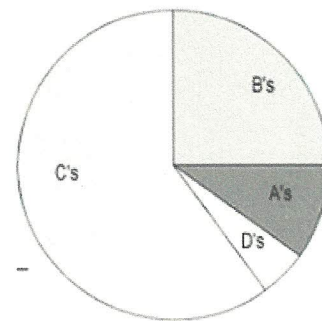
# Interpreting Graphs

Name: \_\_\_\_\_

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

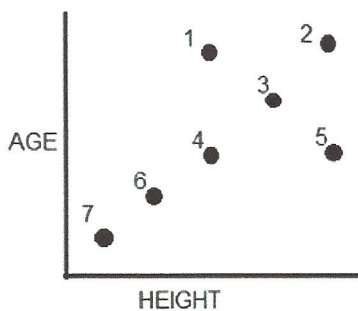
- a) The largest percentage of students received what grade? \_\_\_\_\_
- b) Estimate what percentage of the class received a B. \_\_\_\_\_
- c) Estimate what percentage of the class received an A. \_\_\_\_\_
- d) Based on the graph, do you think Mr. M's class is hard? \_\_\_\_\_

Why or why not?



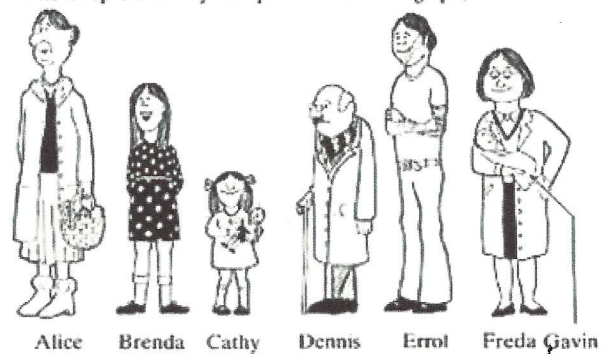
2. The scatter plot shows a bus stop where those waiting at the bus are plotted by their height and by their age. Identify which dot goes with which passenger.

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_
- 6) \_\_\_\_\_
- 7) \_\_\_\_\_

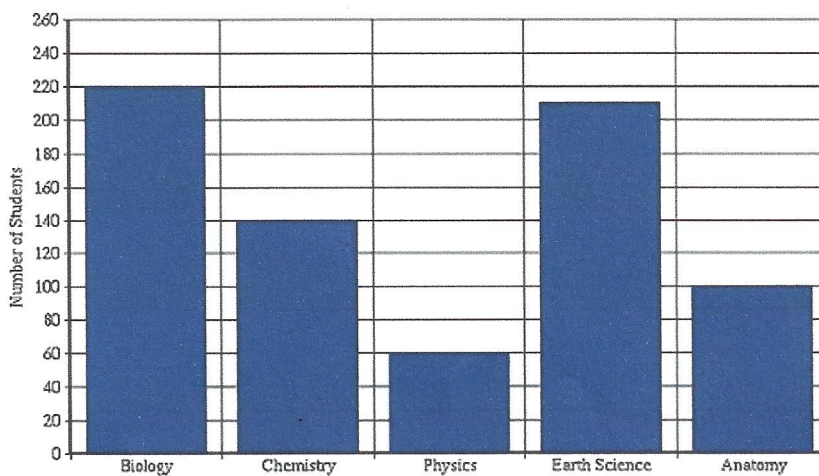


### 1. The Bus Stop Queue

Who is represented by each point on the scattergraph, below?

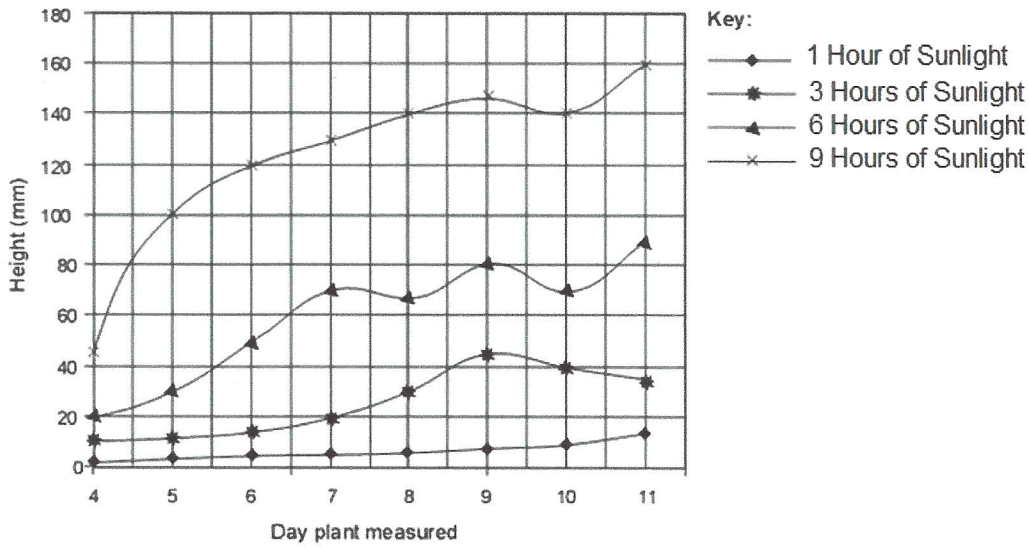


3. The bar graph compares the number of students enrolled in classes.



- a) What class has the highest enrollment?  
\_\_\_\_\_
- b) How many students are enrolled in Chemistry? \_\_\_\_\_
- c) How many are enrolled in Anatomy? \_\_\_\_\_
- d. Which course is the least popular?

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



- a) On Day 7, the plants kept in the sun for 3 hours were how tall? \_\_\_\_\_
- b) On Day 7, the plants kept in the sun for 6 hours were how tall? \_\_\_\_\_
- c) On Day 10, the plants kept in the sun for 9 hours were how tall? \_\_\_\_\_
- d) On Day 11, the plant that was grown with 1 hour of sunlight was how tall? \_\_\_\_\_
- e) 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.

- a) What length of worm is most common? \_\_\_\_\_
- b) What was the longest worm found? \_\_\_\_\_
- c) How many worms were 6 cm long? \_\_\_\_\_
- d) How many worms were 7.25 cm long? \_\_\_\_\_
- e) The peak of the curve represents the [ longest worms / average worms ]

