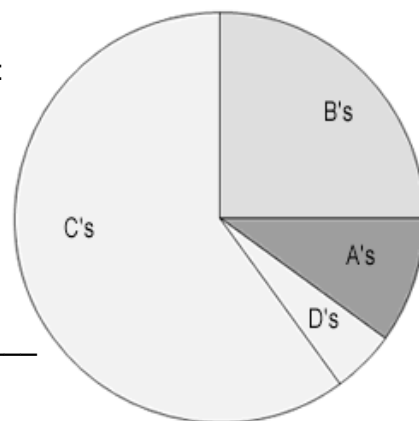


# Interpreting Graphs

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) The smallest percentage of students received what grade? \_\_\_\_\_
- c) Estimate what percentage of the class received a B. \_\_\_\_\_
- d) Based on the graph, do you think Mr. M's class is hard?  
Why or why not? \_\_\_\_\_

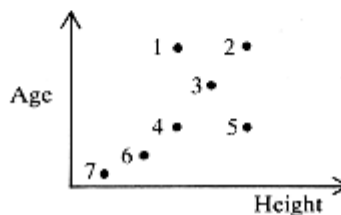
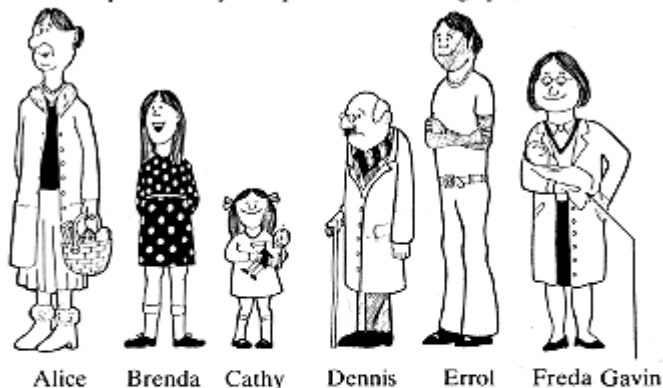


2. The scatter plot shows a bus stop where those waiting at the bus are plotted by their height and by their age. Identify which dot goes with which passenger.

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

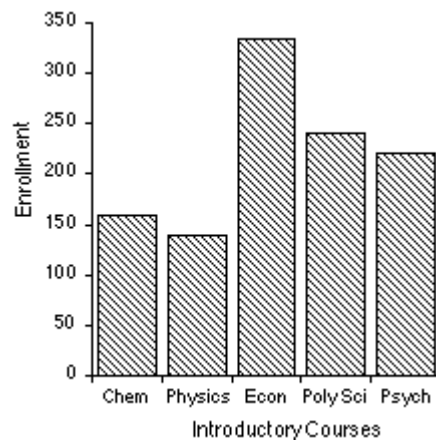
### 1. The Bus Stop Queue

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

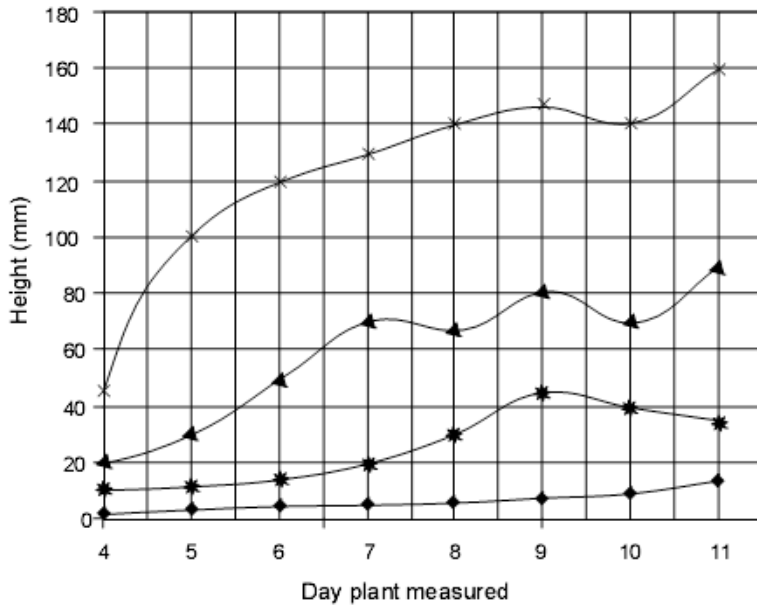


3. The bar graph compares the number of students enrolled in classes.

- a) What class has the highest enrollment?  
\_\_\_\_\_
- b) How many students are enrolled in Chemistry (chem.) \_\_\_\_\_
- c) How many are enrolled in Psychology (Psych)? \_\_\_\_\_



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



Key:

- ◆ 9 hours sunlight
- \* 6 hours sunlight
- ▲ 3 hours sunlight
- × 1 hour sunlight

- 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 10, the plants kept in the sun for 6 hours were 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 ]

