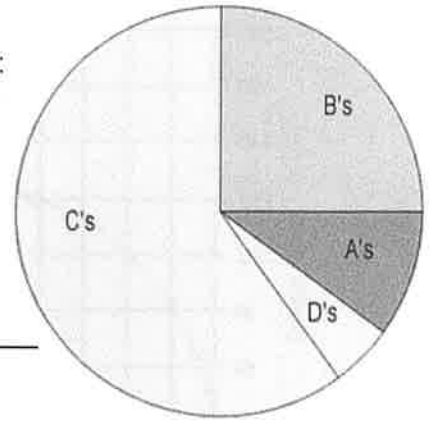


Interpreting Graphs

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? _____

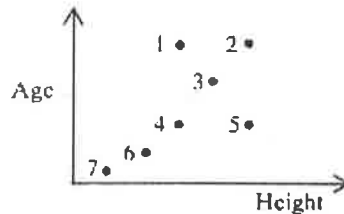
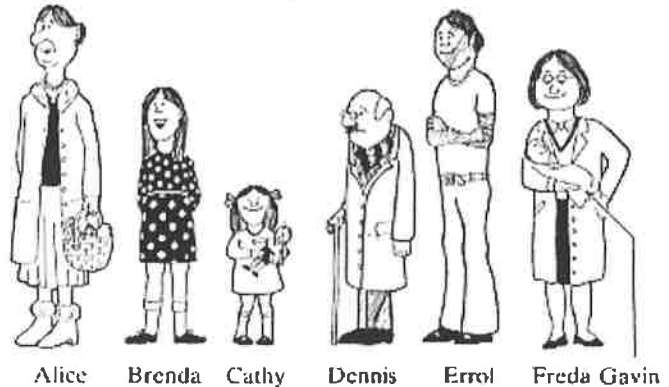


2. The scatter plot shows a bus stop where those waiting at the bus are plotted by their height and by their age. Identify which dot goes with which passenger.

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____
- 7) _____

1. The Bus Stop Queue

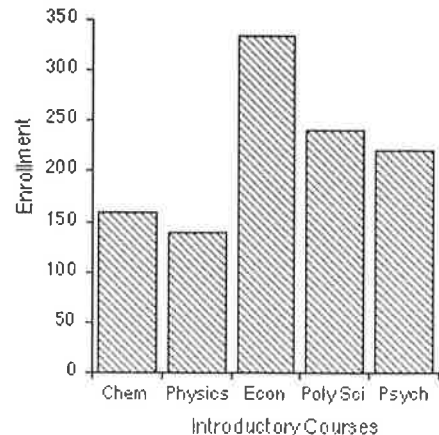
Who is represented by each point on the scattergraph, below?



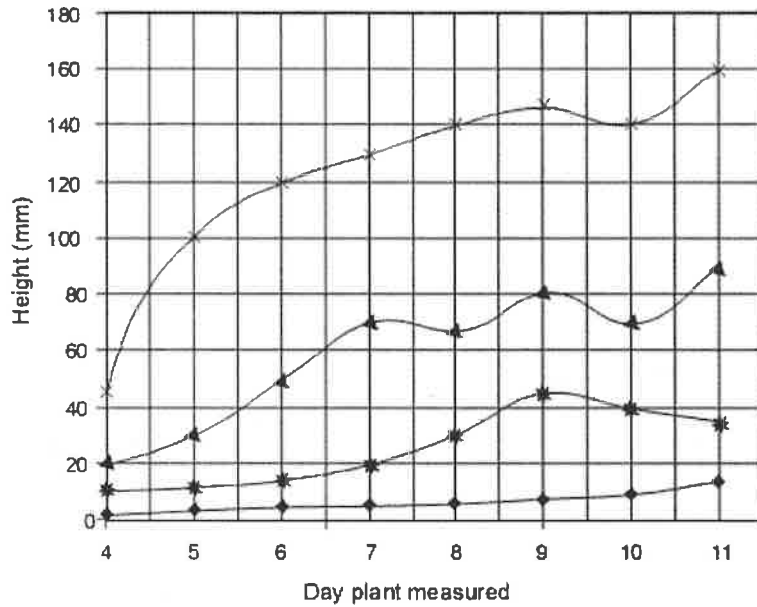
3. The bar graph compares the number of students enrolled in classes.

- 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

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

