1. Degree is odd & leading coefficient is positive.

2. Degree is even & leading coefficient is positive.

3. Degree is odd & leading coefficient is negative.

4. Degree is even & leading coefficient is negative.

Student Directions

1. Write a polynomial function on each card that has the stated characteristic.

2. Using the graphing calculator, graph the function.

3. Sketch the graph on the back of the card.

4. Compare your function to others with the same number.