Problem Solving with Calculators

Use your calculator to help you solve each problem.

1. The year I was born is evenly divisible by 24, 41, and 48. In what year was I born?

2. What is the largest whole number you can multiply by 6 and still have a product less than 79?

3. A textbook is opened at random. To what pages is it opened if the product of the facing page numbers is 3,192?

4. Starting with 378 count backwards by 9's and list the first number that you come to below 146.

5. Input the number of the month you were born. Multiply by 5, add 6, multiply by 4, add 9, multiply by 5, add your birth date (day only), subtract 165, and press the equal key. Notice anything? Why did this happen?