Name: _____

Number Patterns Practice 2

Directions: Use your knowledge of numbers and patterns to solve the problems below.

At West Elementary, the principal was sad to hear that there was a terrible case of the flu going around the school. On the first day 28 students came down with the flu. On the second day 38 students got sick, and 30 got sick on the third day. On the fourth day 40 students got sick, and 32 new cases were reported to the nurse on the fifth day. If the students keep getting the flu at the same rate, how many students would come down with the flu on the tenth day?	Sweet Time Bakery just opened and is increasing the number of items they bake. For example, the bakery made 1 carrot cake in January, 3 carrot cakes in February, 9 carrot cakes in March, and 27 carrot cakes in April. If this pattern continues, how many carrot cakes will the bakery make in May?
Bruce made a pattern using a two-step rule in which he first multiplies and then subtracts. He started with 5 and used the two-step rule to make the pattern, as shown below. 5, 10, 8, 16, 14, 28, 26. _____, _____ Which 2 numbers come next in the sequence? Fill in the blanks to show.	Create your own number pattern. Write it below and then write the answer on the back of the paper!