Name:

Binary Numbers by Hand

1. What is the largest number we can create using our cards (count the total number of dots across each card)?

2. What is the binary sequence for the number 15?

3. What is the binary sequence for the number 30?

4. What is the binary sequence for the number 7?

5. What is the binary sequence for the number 23?

6. What is the binary sequence for the number 19?

7. If we made 6 cards instead of 5, how many dots would be on the 6th card (try to see the pattern between each card)?