Names\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Binary Numbers

Example #1: What would 17 be in binary? \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

Example #2: What would 01001 be as a decimal?

Example #3: Draw a representation of the number 1.

# Practice 1

Write the following numbers in Binary.

25 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

14 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

3 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

11 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

31 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

0 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

28 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

20 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

4 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

24 \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

# Practice 2

What would the following binary numbers be in decimal form?

11100 \_\_\_\_\_\_\_ 11111 \_\_\_\_\_\_\_ 10111 \_\_\_\_\_\_\_

01000 \_\_\_\_\_\_\_ 01111 \_\_\_\_\_\_\_ 00111 \_\_\_\_\_\_\_

01010 \_\_\_\_\_\_\_ 10101 \_\_\_\_\_\_\_ 00010 \_\_\_\_\_\_\_