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[illegible][illegible]

The diagram illustrates a number system with two rows of boxes. The top row contains seven boxes of decreasing width from left to right, representing powers of 2:  $2^6$ ,  $2^5$ ,  $2^4$ ,  $2^3$ ,  $2^2$ ,  $2^1$ , and  $2^0$ . The bottom row contains a single long box for  $2^7$ , followed by a small box for  $2^6$ , and then four boxes of decreasing width for  $2^5$ ,  $2^4$ ,  $2^3$ , and  $2^2$ . The boxes are arranged to show how a base-2 system can be represented using a base-10 system.

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