To summarize, we have found that the number of elements in each of the following sets is 2^n:

- Maps from an n-element set to $\{0, 1\}$.
- Subsets of an n-element set.
- Outcomes in tossing a coin n times.
- Binary sequences of length n.

Between any two of these sets there is a natural bijection. Some of these bijections were described above.