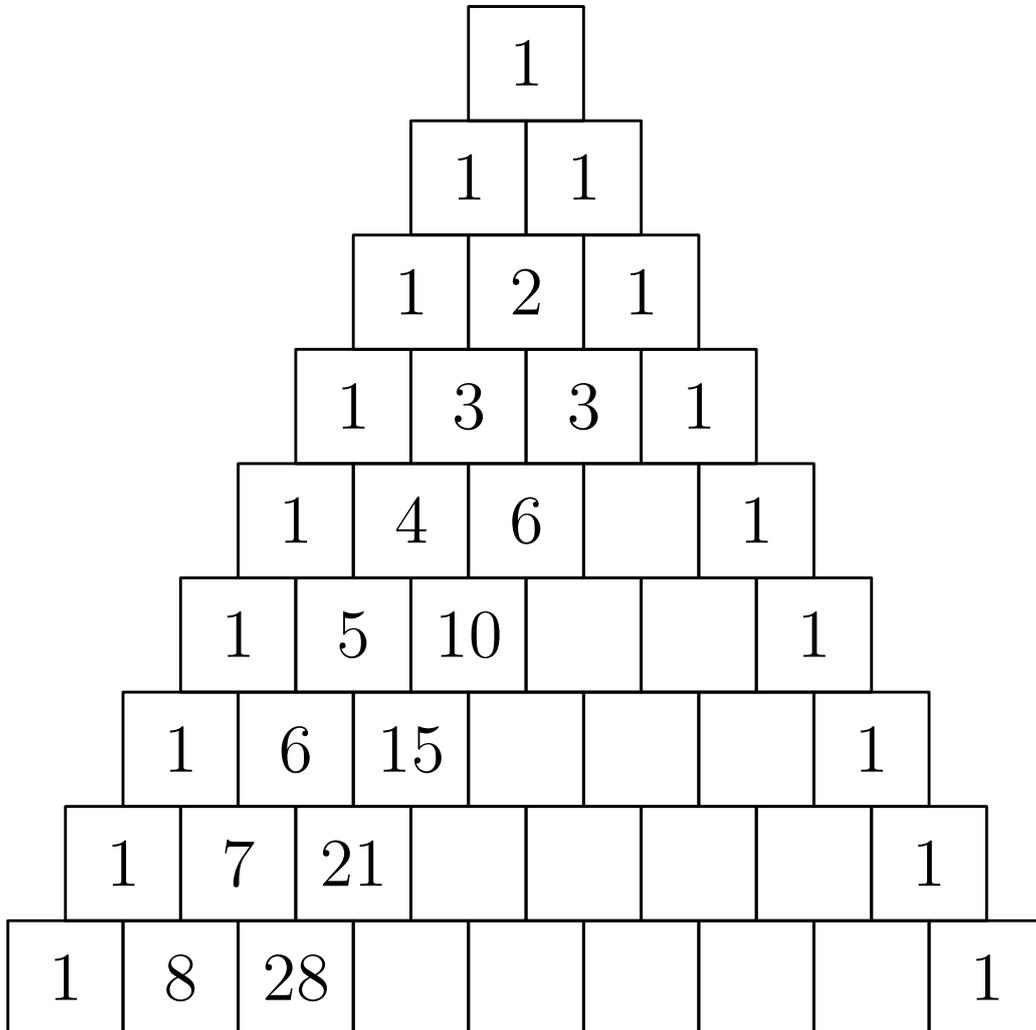


PASCAL'S TRIANGLE



Pascal's Triangle: This mathematical object is named after Blaise Pascal (1623-1662), a French physicist, philosopher, and mathematician. While he was far from the first to have studied this triangle, he was the first to have written a dedicated treatise (math paper) on it, titled *Traité du triangle arithmétique* (1653).

SOME INTERESTING PROPERTIES

What can you notice about Pascal's triangle? Try to find at least one example of each of the following:

- (1) A **symmetry**
- (2) A **pattern**
- (3) A **rule**