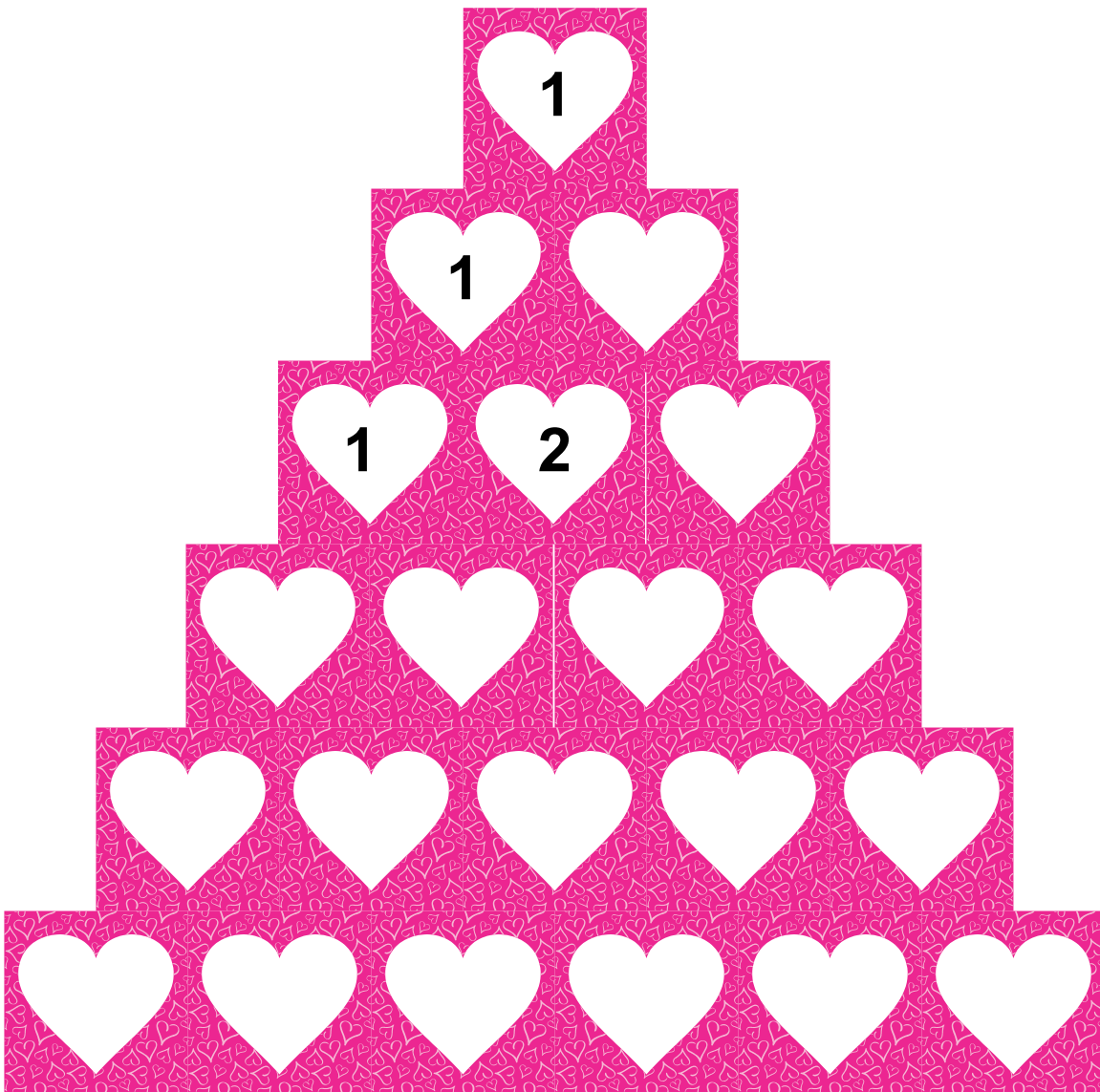
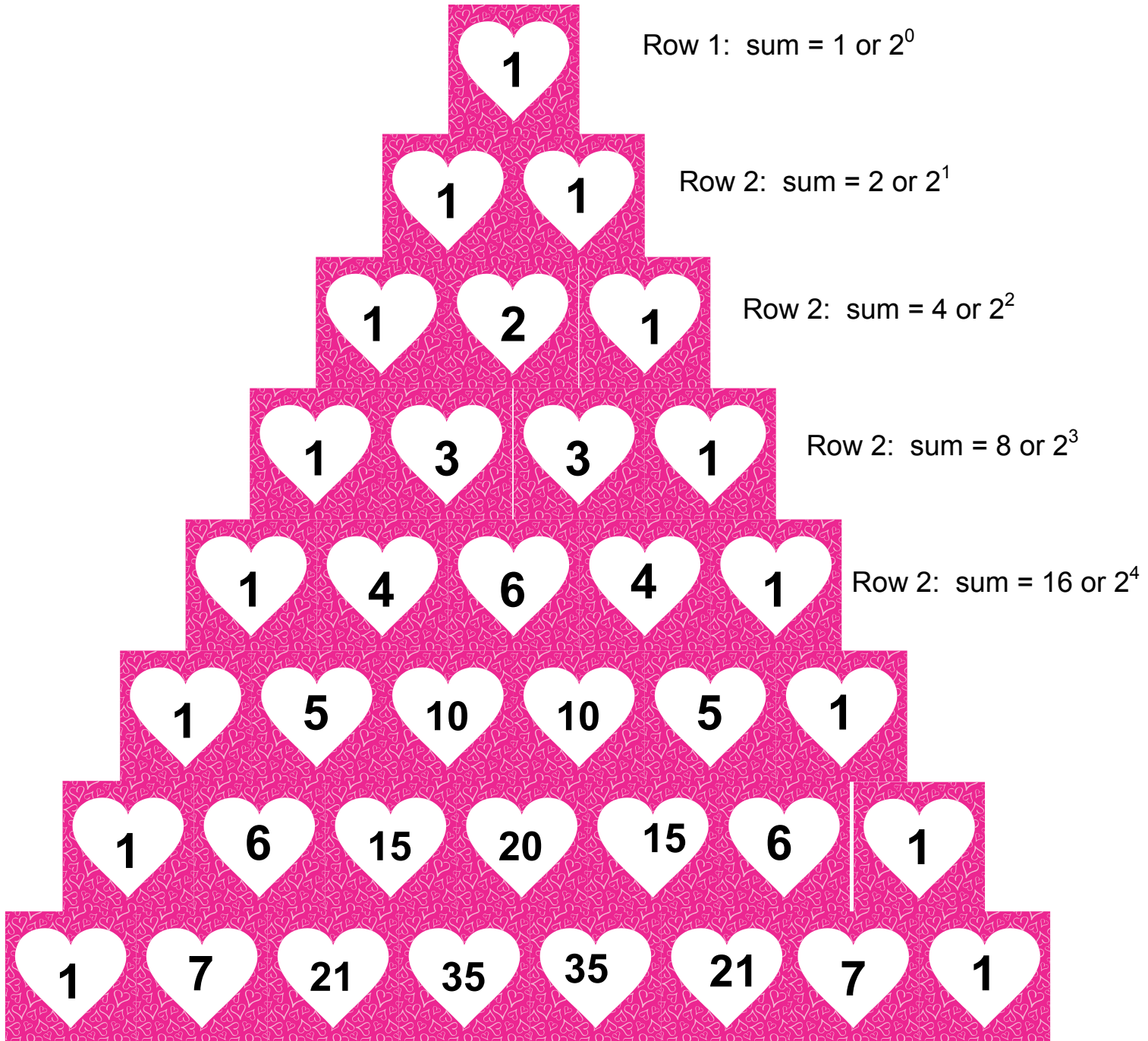


# Pascal's Hearts

- Complete the pattern by filling in the missing numbers of Pascal's Heart Triangle.
- What Pascal patterns help you fill in the missing numbers?
- Add the numbers in each row. Describe the pattern.
- CHALLENGE: What numbers would be in the 8th row? Explain your thinking using numbers, words and/or pictures.



# Pascal's Hearts



**Row Pattern:** sum doubles for each row.

General rule:  $\text{sum} = 2^{r-1}$  where  $r$  = row number.