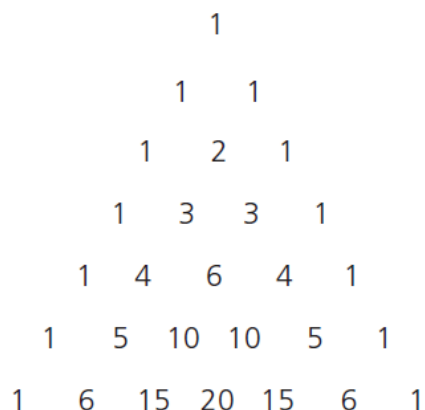


## Pascal's triangle

Write down the next two rows of Pascal's triangle.



What things do you notice about the number triangle?

---

---

---

Suppose you have three friends, Alain, Bauji and Kapil.

In how many ways can you invite *none* of them to come over to play a videogame? \_\_\_\_\_

In how many ways can you invite *one* of them to come over to play a videogame? \_\_\_\_\_

In how many ways can you invite *two* of them to come over to play a videogame? \_\_\_\_\_

In how many ways can you invite *three* of them to come over to play a videogame? \_\_\_\_\_

In order, where do these numbers appear in Pascal's Triangle?

---

Can you find an interpretation for the numbers in the 6th row of Pascal's Triangle?

---

How about for the 60th row?

---