

Happy 11th Birthday

Teams

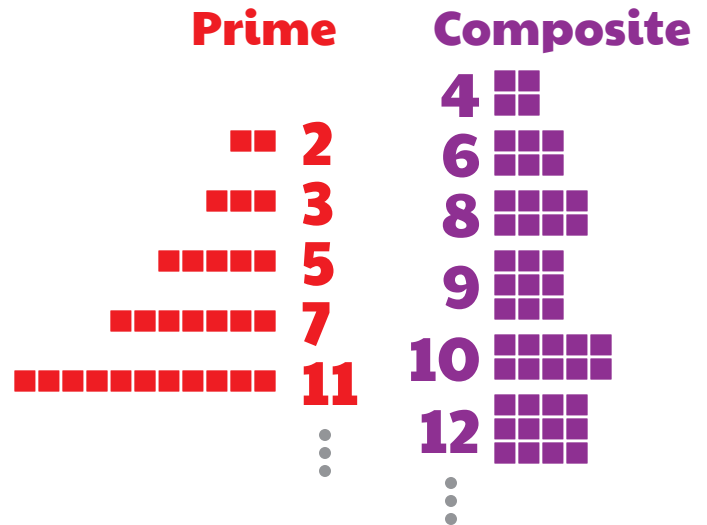


11 players

football / soccer
American football
cricket
field hockey

Prime Number

A prime number is not a product of two smaller numbers.

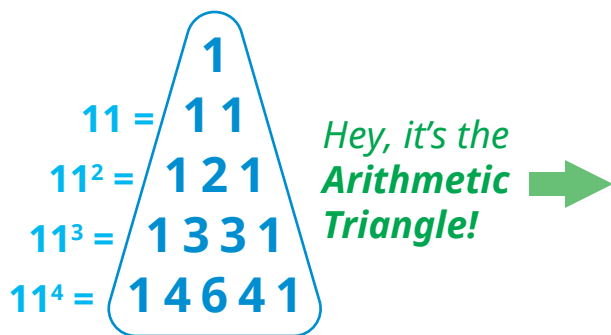


Palindrome Numbers

$$11 \times 11 = 11^2 = 121$$

$$11 \times 11 \times 11 = 11^3 = 1331$$

$$11 \times 11 \times 11 \times 11 = 11^4 = 14641$$



Is 11^5 also a palindrome?

$$111 \times 111 = 12321$$

$$1111 \times 1111 = 1234321$$

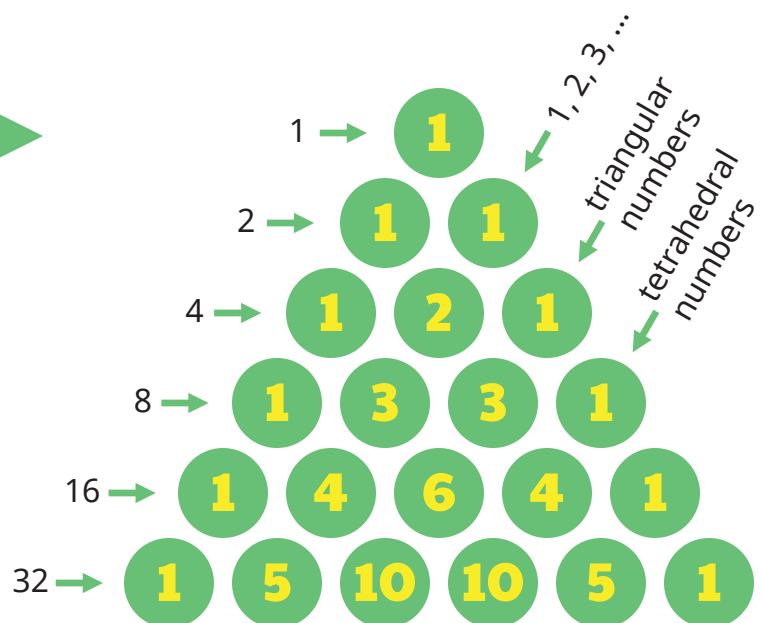
$$\begin{array}{r} 111111111 \\ \times 111111111 \\ \hline 12345678987654321 \end{array}$$

Wow!

Arithmetic Triangle

Pascal's Triangle

Each number is the sum of the two numbers above it.



You will learn more about this triangle in high school math (algebra and probability).