

## Square Numbers

$$1^2 = 1$$

$$2^2 = 4$$

$$3^2 = 9$$

$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

$$7^2 = 49$$

$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

$$11^2 = 121$$

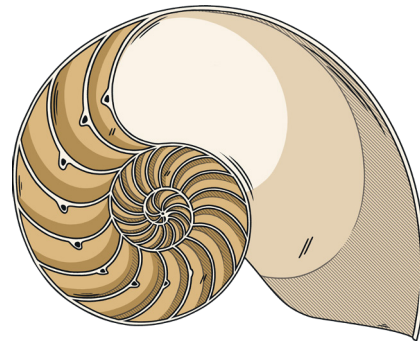
$$12^2 = 144$$

$$13^2 = 169$$

$$14^2 = 196$$

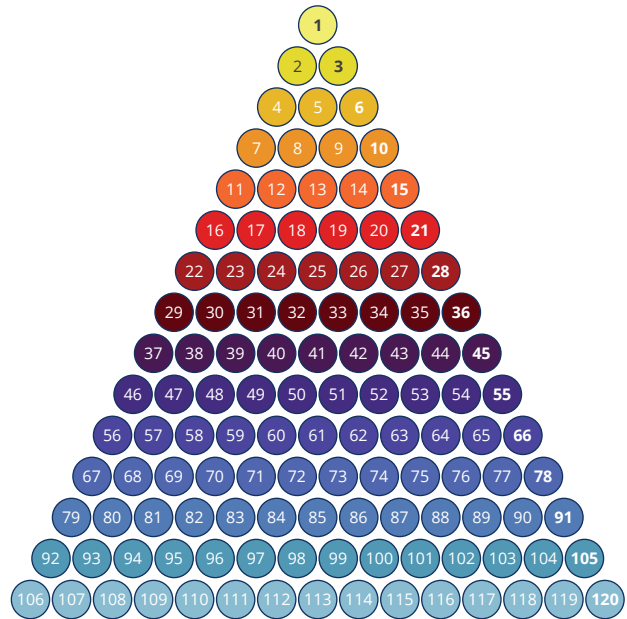
$$15^2 = 225$$

$$n^2 = n \times n$$

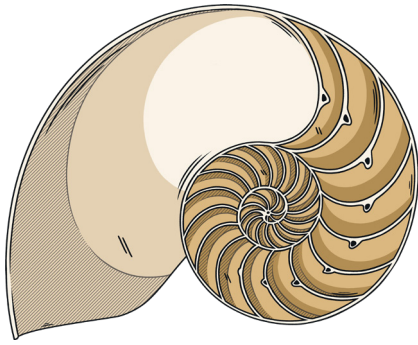


## Triangular Numbers

1, 3, 6, 10, 15, 21, 28,  
36, 45, 55, 66, 78, 91,  
105, 120.



$$n^{\text{th}} \text{ term} = \frac{1}{2} n(n + 1) \text{ or } \frac{1}{2} n^2 + \frac{1}{2} n$$



## Cube Numbers

$$1^3 = 1$$

$$2^3 = 8$$

$$3^3 = 27$$

$$4^3 = 64$$

$$5^3 = 125$$

$$6^3 = 216$$

$$7^3 = 343$$

$$8^3 = 512$$

$$9^3 = 729$$

$$10^3 = 1000$$

$$11^3 = 1331$$

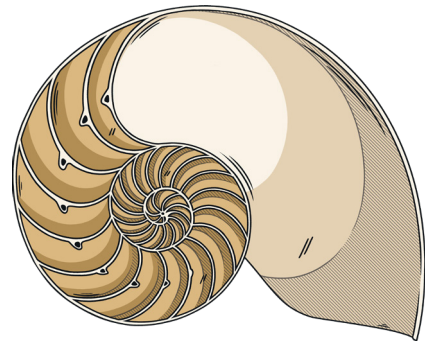
$$12^3 = 1728$$

$$13^3 = 2197$$

$$14^3 = 2744$$

$$15^3 = 3375$$

$$n^3 = n \times n \times n$$



## Fibonacci Numbers

0, 1, 1, 2, 3, 5, 8, 13,  
21, 34, 55, 89, 144,  
233, 377

$$F_n = F_{n-1} + F_{n-2}$$

