

Square Numbers

$$1^2 = 1$$

$$2^2 = 4$$

$$3^2 = 9$$

$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

$$7^2 = 49$$

$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

$$11^2 = 121$$

$$12^2 = 144$$

$$13^2 = 169$$

$$14^2 = 196$$

$$15^2 = 225$$

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

Cube Numbers

$$1^3 = 1$$

$$2^3 = 8$$

$$3^3 = 27$$

$$4^3 = 64$$

Regent Studies | www.regentstudies.com

$$5^3 = 125$$

$$6^3 = 216$$

$$7^3 = 343$$

$$8^3 = 512$$

$$9^3 = 729$$

$$10^3 = 1000$$

$$11^3 = 1331$$

$$12^3 = 1728$$

$$13^3 = 2197$$

$$14^3 = 2744$$

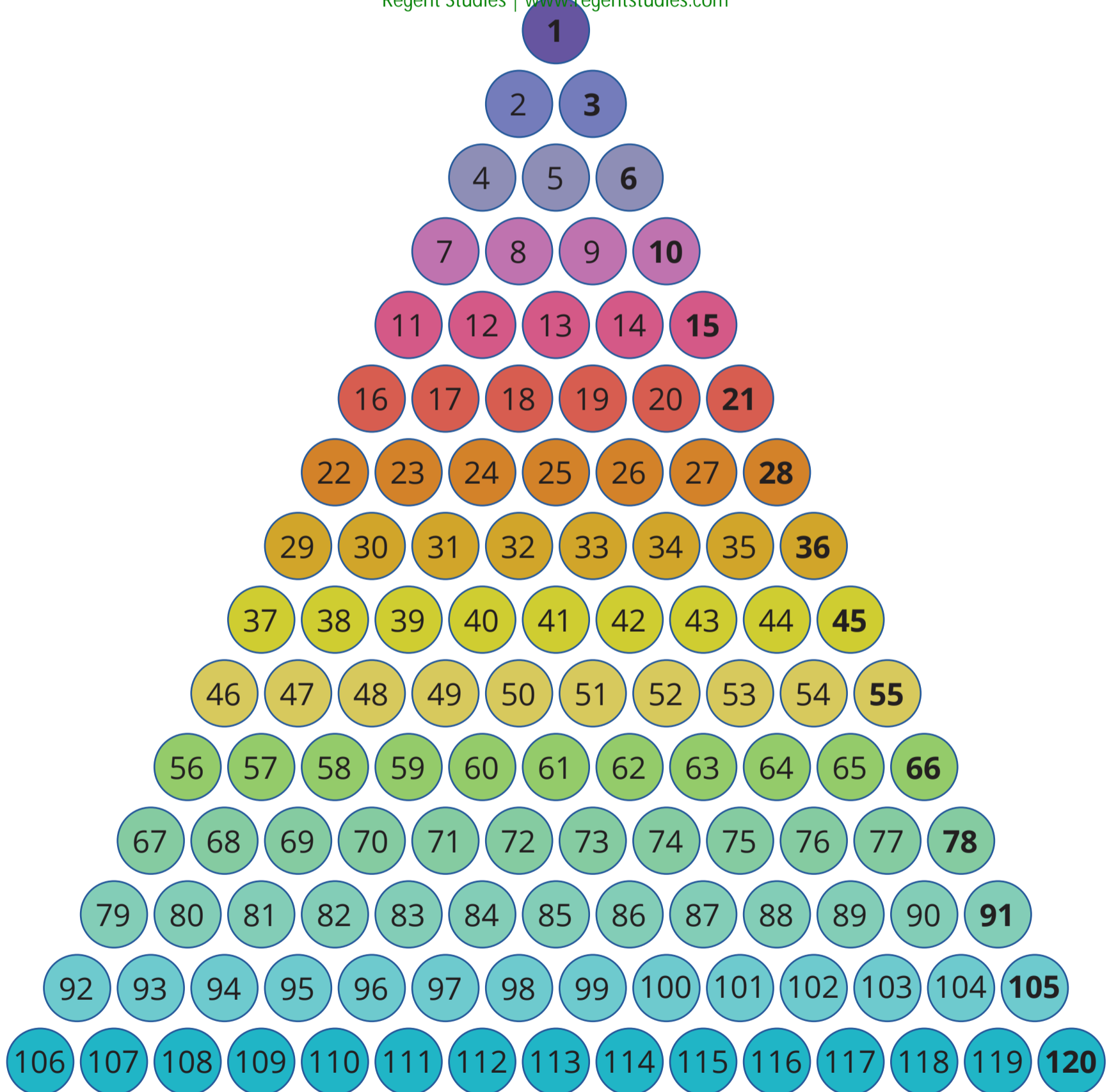
$$15^3 = 3375$$

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

Triangular Numbers

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

Regent Studies | www.regentstudies.com

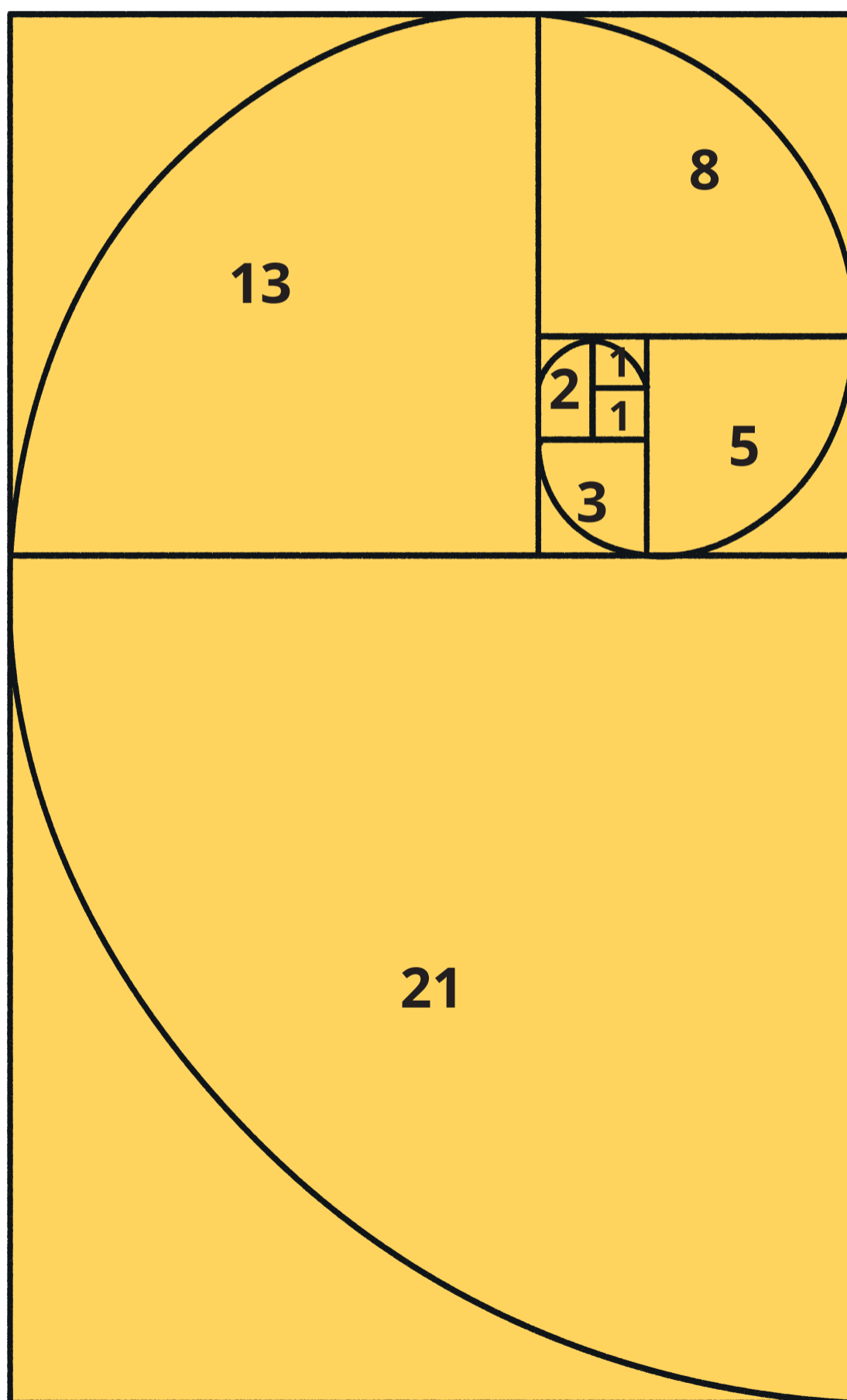


Fibonacci Numbers

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

The term-to-term rule = $(n - 1)^{\text{th}}$ term + $(n - 2)^{\text{th}}$ term.

Regent Studies | www.regentstudies.com



Square Numbers

$$1^2 = 1$$

$$2^2 = 4$$

$$3^2 = 9$$

$$4^2 = 16$$

$$5^2 = 25$$

$$6^2 = 36$$

$$7^2 = 49$$

$$8^2 = 64$$

$$9^2 = 81$$

$$10^2 = 100$$

$$11^2 = 121$$

$$12^2 = 144$$

$$13^2 = 169$$

$$14^2 = 196$$

$$15^2 = 225$$

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

Cube Numbers

$$1^3 = 1$$

$$2^3 = 8$$

$$3^3 = 27$$

$$4^3 = 64$$

$$5^3 = 125$$

$$6^3 = 216$$

$$7^3 = 343$$

$$8^3 = 512$$

$$9^3 = 729$$

$$10^3 = 1000$$

$$11^3 = 1331$$

$$12^3 = 1728$$

$$13^3 = 2197$$

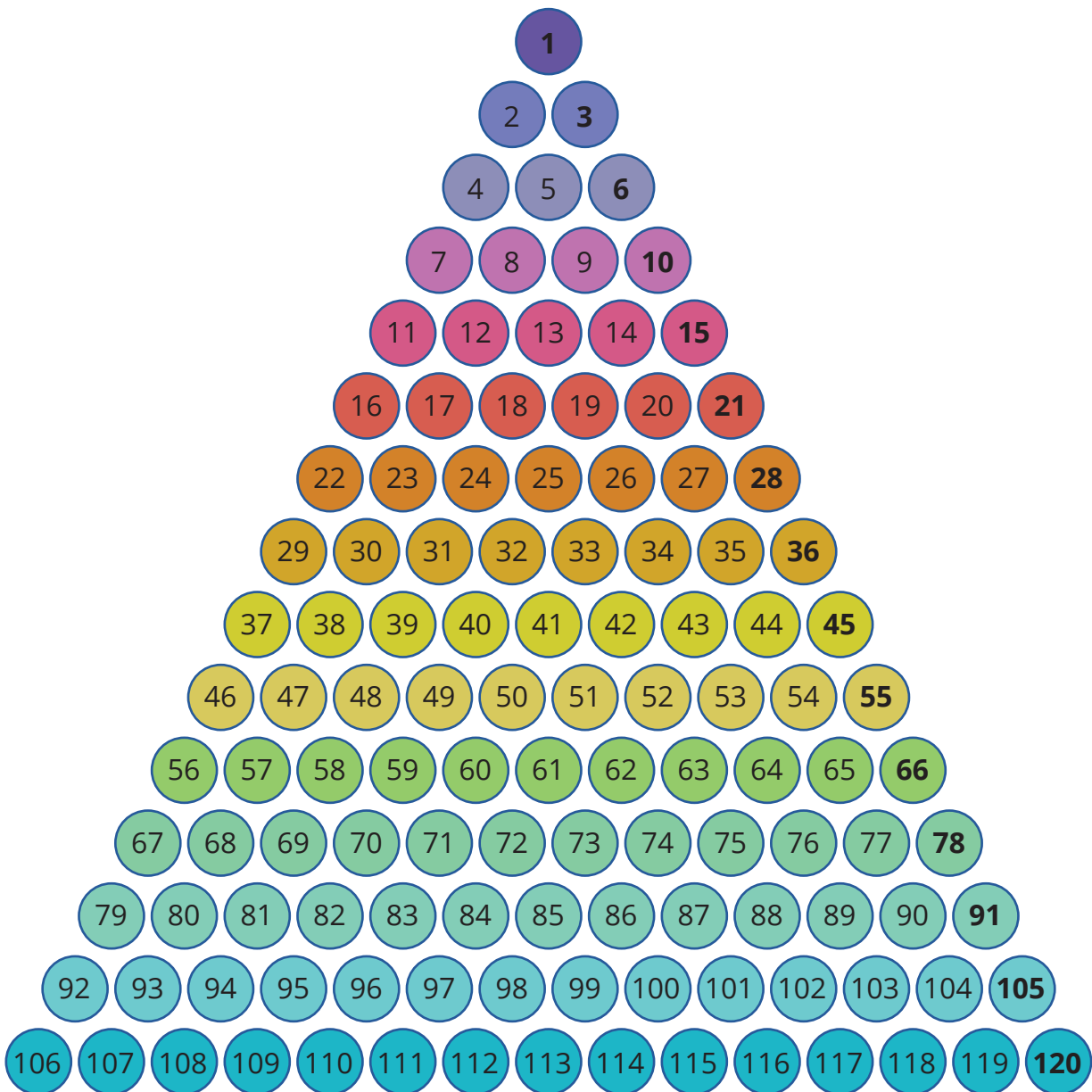
$$14^3 = 2744$$

$$15^3 = 3375$$

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

Triangular Numbers

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



Fibonacci Numbers

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

The term-to-term rule = $(n - 1)^{\text{th}}$ term + $(n - 2)^{\text{th}}$ term.

