

#BackToSchool: Poster Download

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Happy Printing, and have a great start to the school year!

—Team PBM 🍷

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CLIMB HIGHER. LEARN MORE.

EVERY PEAK STARTS WITH A FIRST STEP.



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TODAY'S FORECAST:

100%

chance of learning



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REACH

- NEW HEIGHTS -



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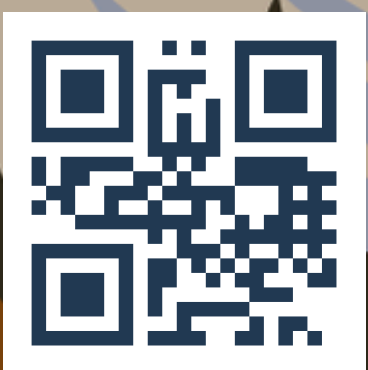
LEARNING

..... **HAPPENS ON**

MOUNTAIN TIME



ADVENTURE STARTS IN THE CLASSROOM



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**STAND STRONG.
BE KIND.**



*right here, where
you're meant to be*



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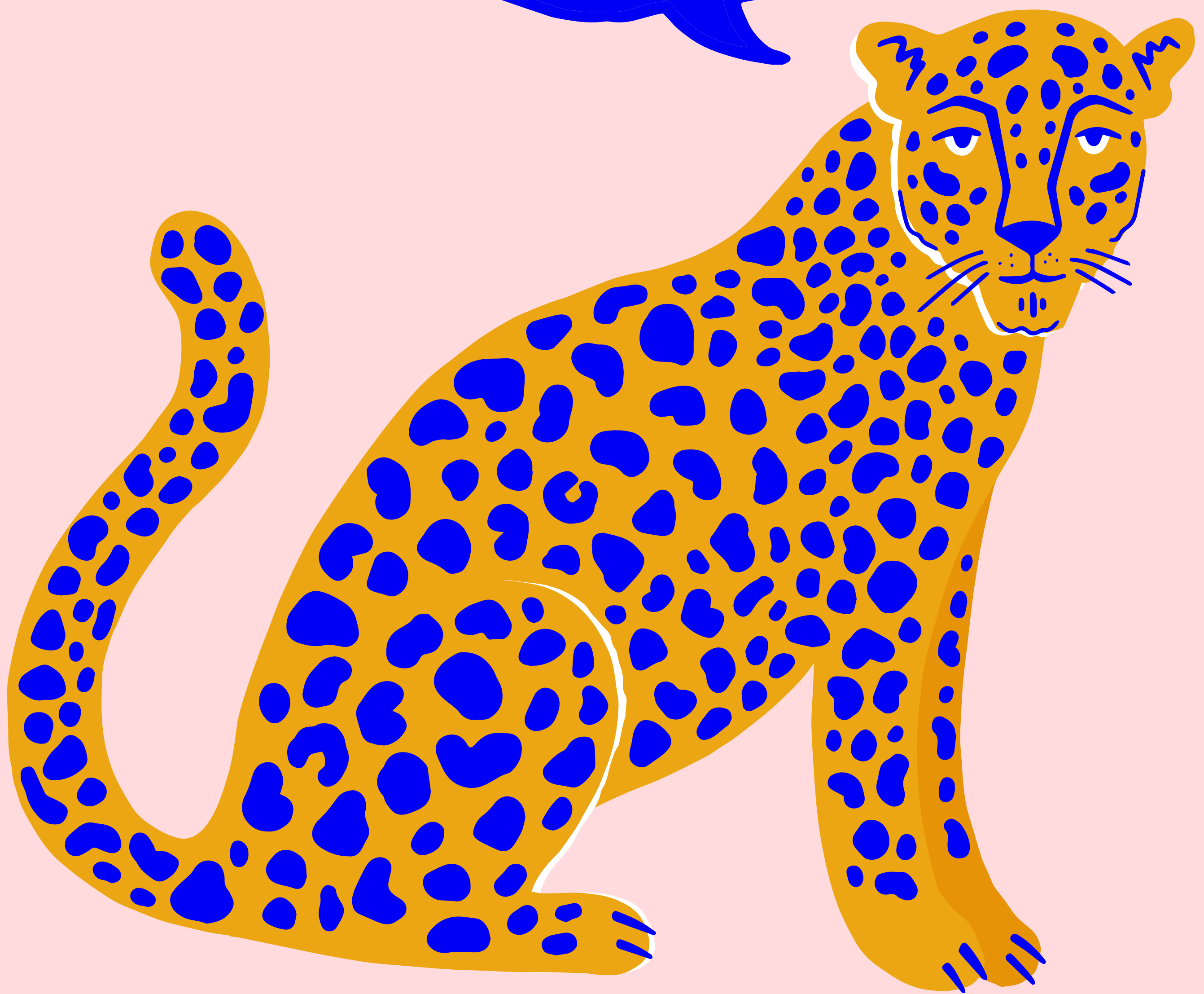
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cool kids

READ
BOOKS!





ALL ABOUT THE SUN

The sun is the closest star to Earth!

The temperature of the sun is 10,000° F or 5,600 °C

The sun provides light and heat for Earth.

1.3 million Earths would fit inside the Sun.

The sun is made of hot, burning gas.

The sun's gravity holds our solar system together

THE SOLAR SYSTEM

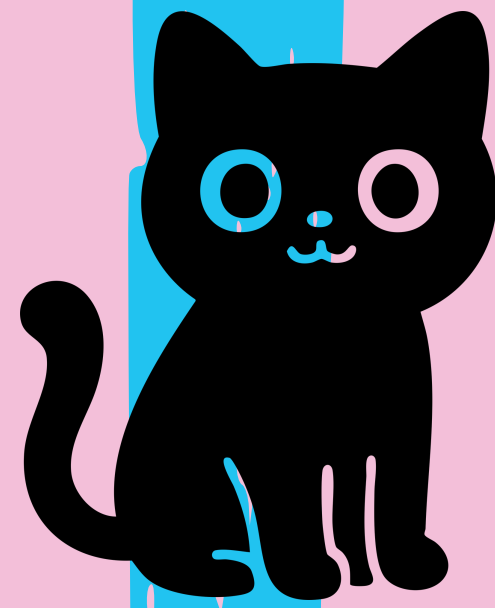
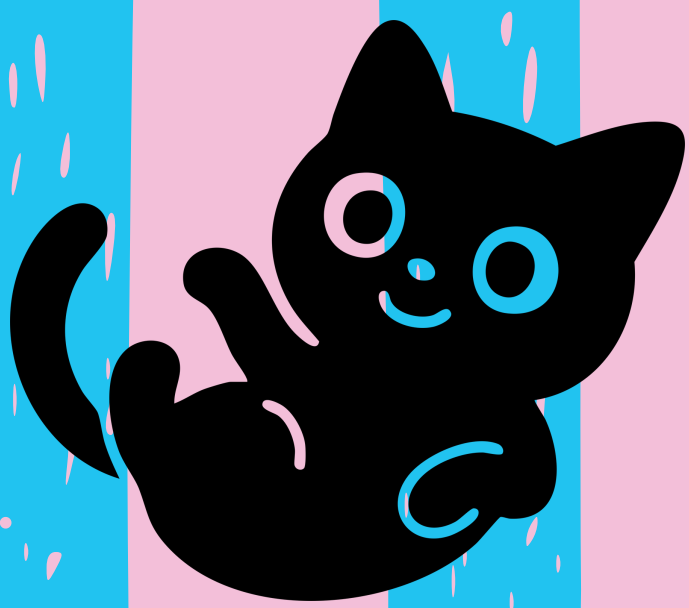


DID YOU KNOW?

The sun is the center of our Solar System. All of the planets orbit the sun. This means they go around the sun in a curved path. This picture above shows the planets in order from the sun.



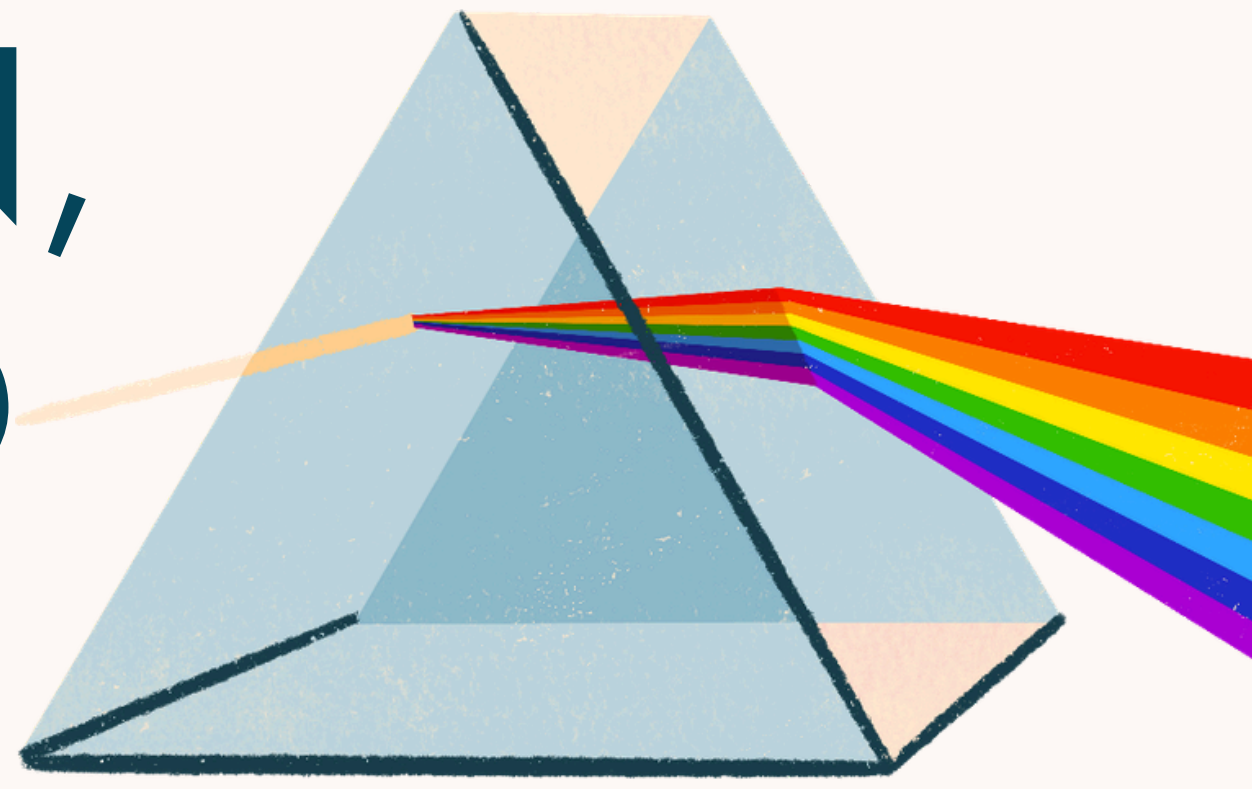
COOL
CATS



GO
HERE

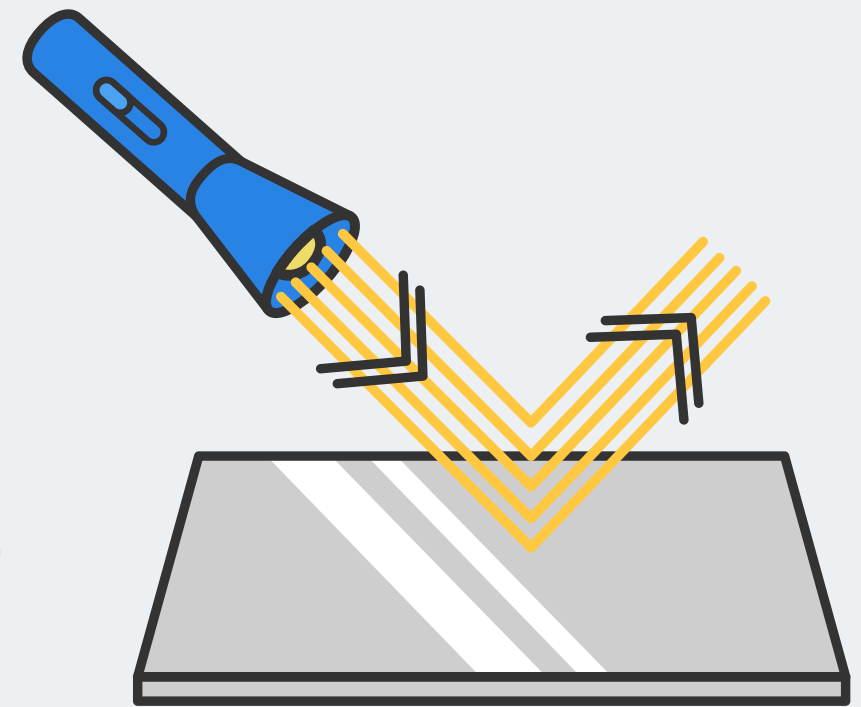


LIGHT: REFLECTION, REFRACTION, AND DISPERSION



REFLECTION

When light hits a surface and bounces off in a different direction, it is called reflection. It is how we see the objects around us. Shiny surfaces, like mirrors, reflect light in specific directions, while other surfaces, like paper, scatter light.

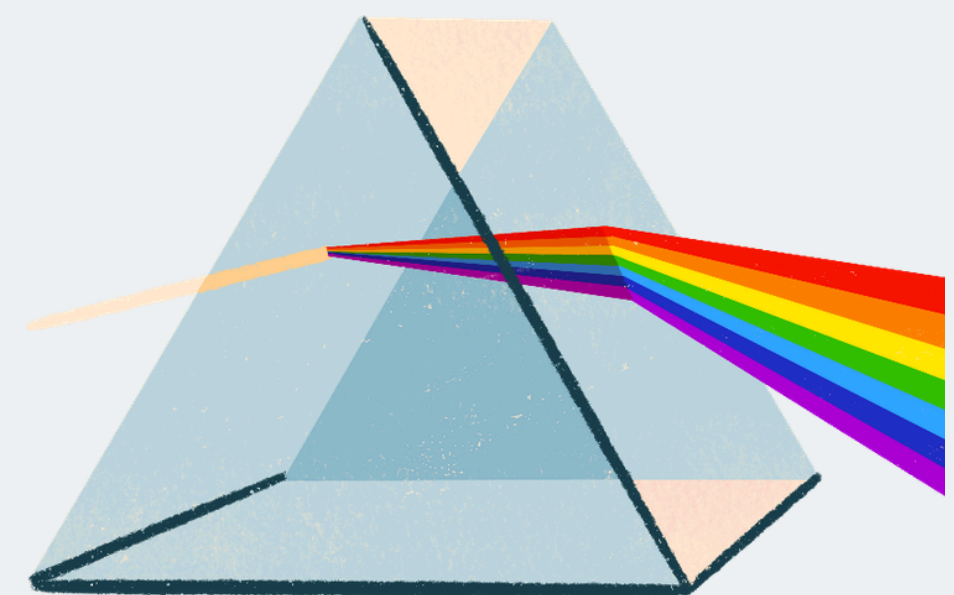


REFRACTION

Light refraction occurs when light rays bend as they pass from one medium to another. This happens because light travels at different speeds through different mediums. For example, light slows down when passing from air to water, because water is denser than air.

DISPERSION

White light is made up of all the colors of the visible spectrum. When white light passes through a prism, it slows down and bends in different directions separating the white light into its component colors.



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**YOU
CAN
DO IT!**





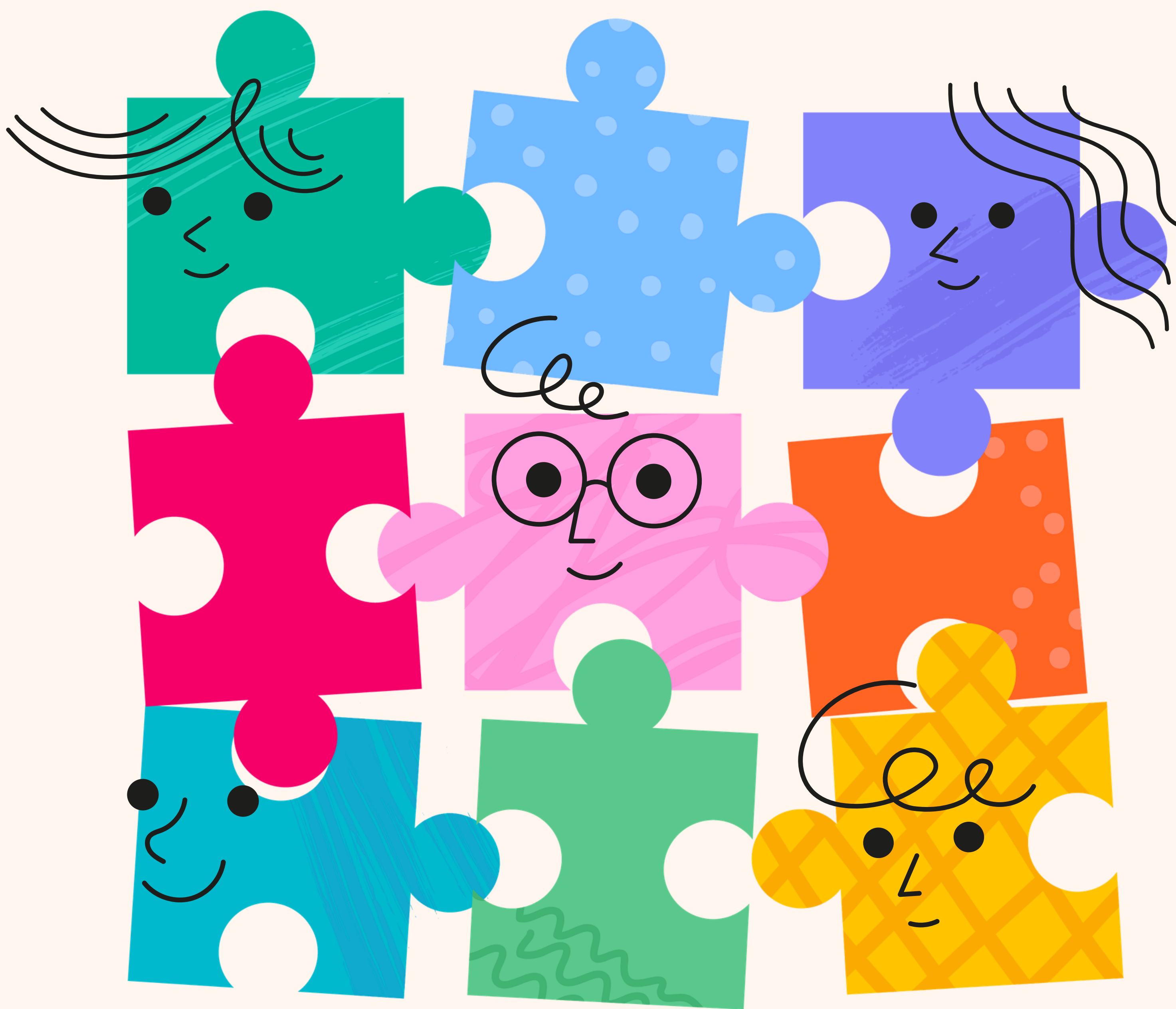
THE LIBRARY

is my

HAPPY PLACE



LET'S MAKE SPACE FOR EVERYONE



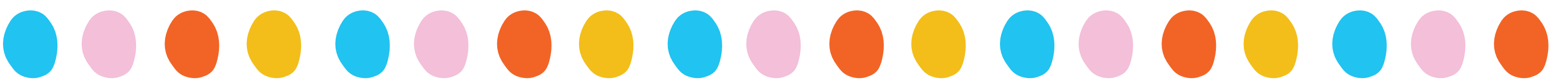
what's
the best

That

could

Happen?





OPERATIONS KEYWORD

ADDITION

ADD
SUM
TOTAL
INCREASE
MORE THAN
ALTOGETHER

SUBTRACTION

MINUS
DIFFERENCE
SUBTRACT
DECREASE
LESS THAN
HOW MANY MORE

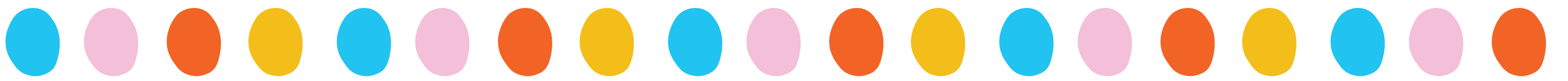
MULTIPLICATION

PER
PRODUCT
GROUPS OF
AS MUCH AS
DOUBLE
TWICE

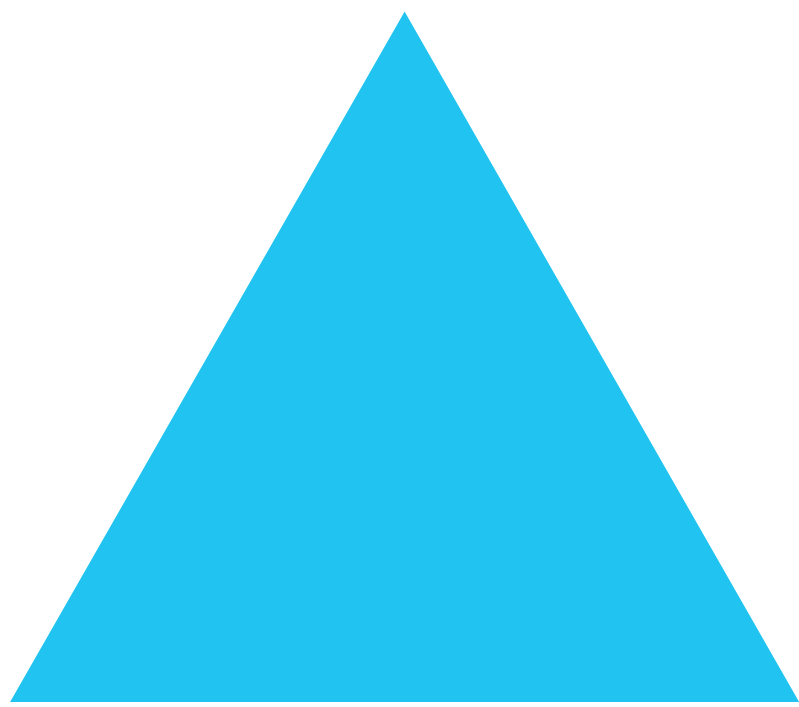
DIVISION

EVERY
QUOTIENT
EACH
SPLIT
EQUAL PARTS
SHARED EQUALLY





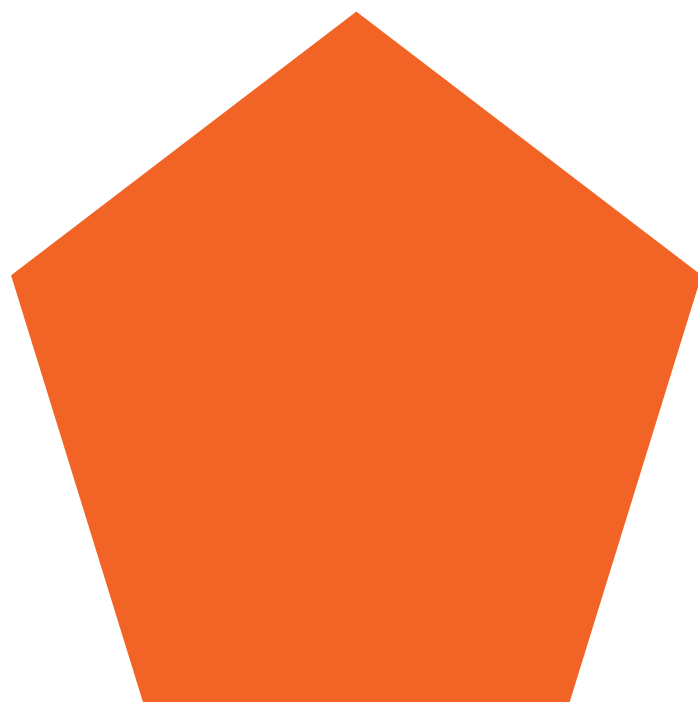
REGULAR POLYGONS



TRIANGLE



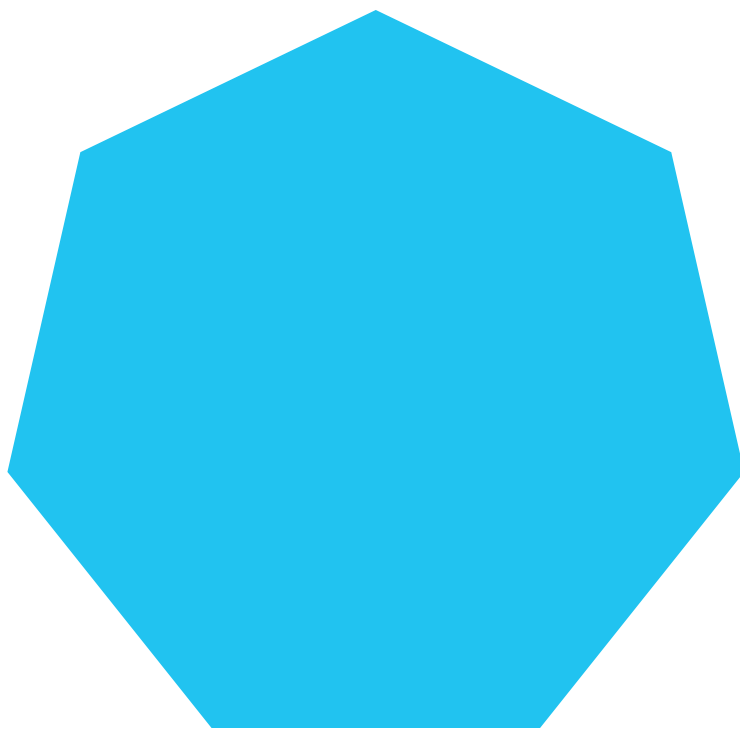
QUADRILATERAL



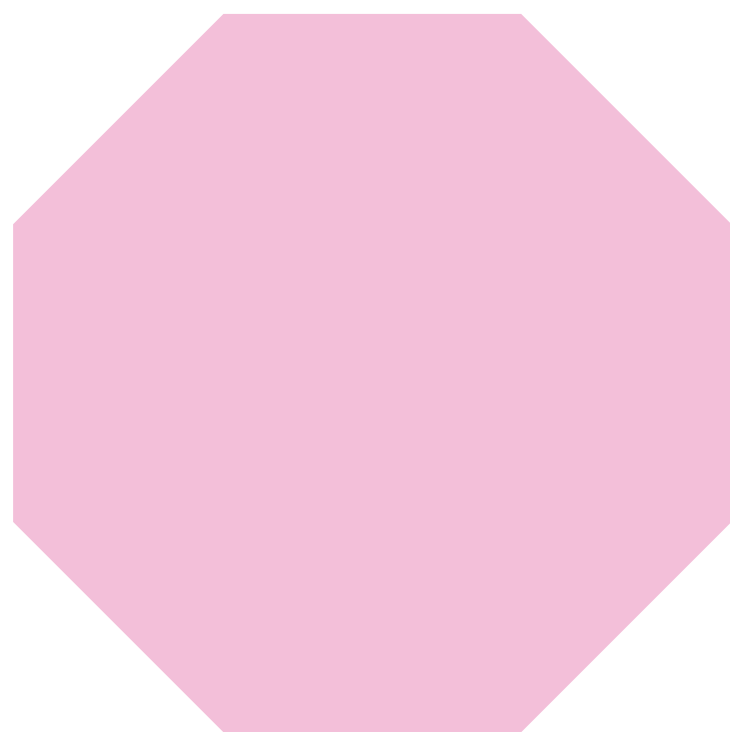
PENTAGON



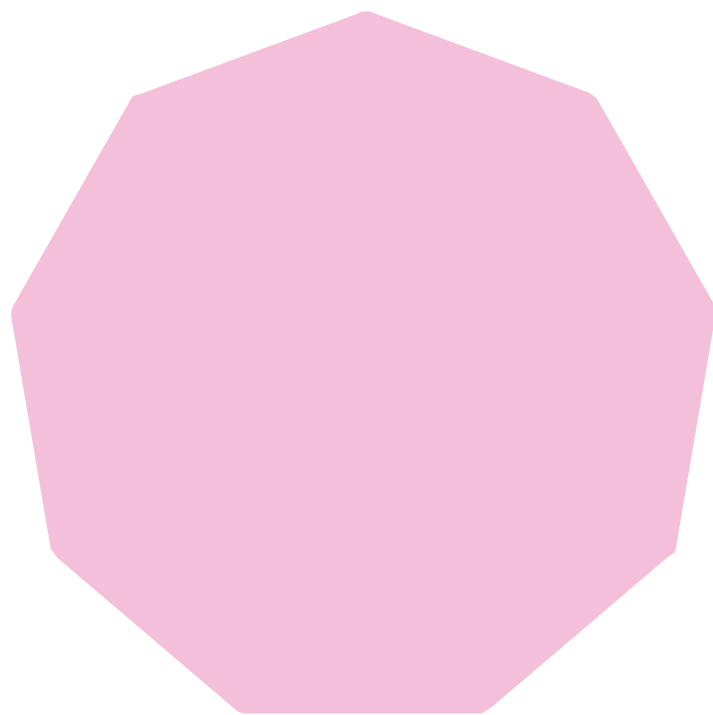
HEXAGON



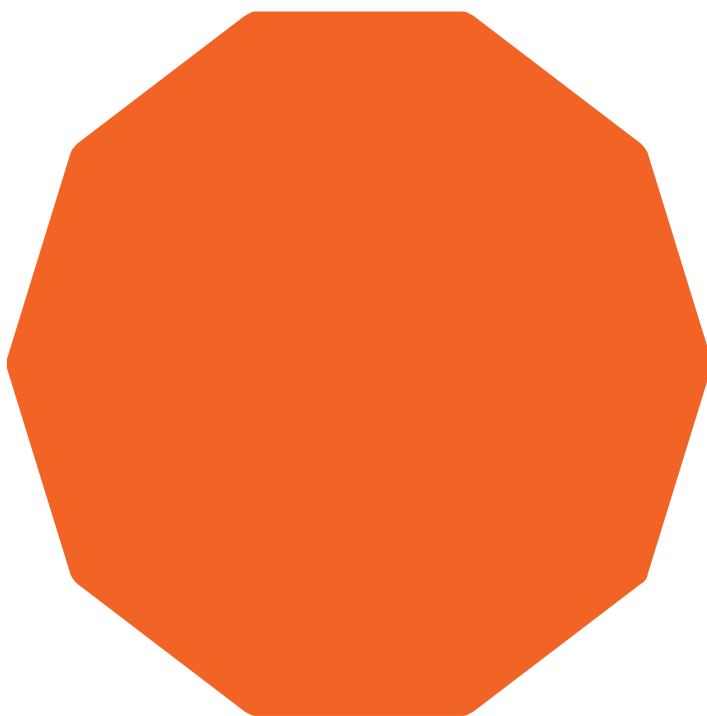
HEPTAGON



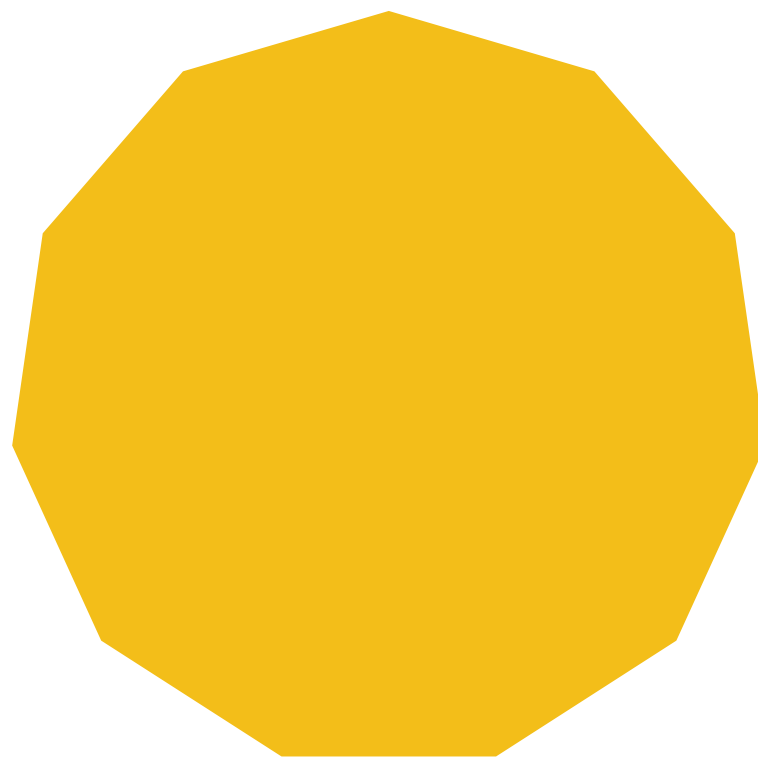
OCTAGON



NONAGON



DECAGON



HENDECAGON





Applying Exponent Rules

×

Exponent of 0

$$4^0 = 1$$

A base with an exponent of 0 is always equal to 1.

△
▽

a^n

← Exponent
← Base

An exponent refers to the number of times a term is multiplied by itself.

For e.g.

$$a \times a \times a = a^3$$

×

Exponent of Quotients

$$\frac{4^6}{4^5} = 4^1 = 4$$

When dividing exponential terms with the same base, subtract the powers.

△
▽

×

Exponent of Products

$$4^4 \times 4^2 = 4^6$$

When multiplying exponential terms with the same base, add the powers.

△
▽

×

Negative Exponents

$$2^{-6} = \frac{1}{2^6} = \frac{1}{64}$$

When a number is raised to a negative power, find its reciprocal.

×

Exponent of Powers

$$(2^2)^{-3} = 2^{-6}$$

When a power is raised to another power, multiply the exponents.

△
▽

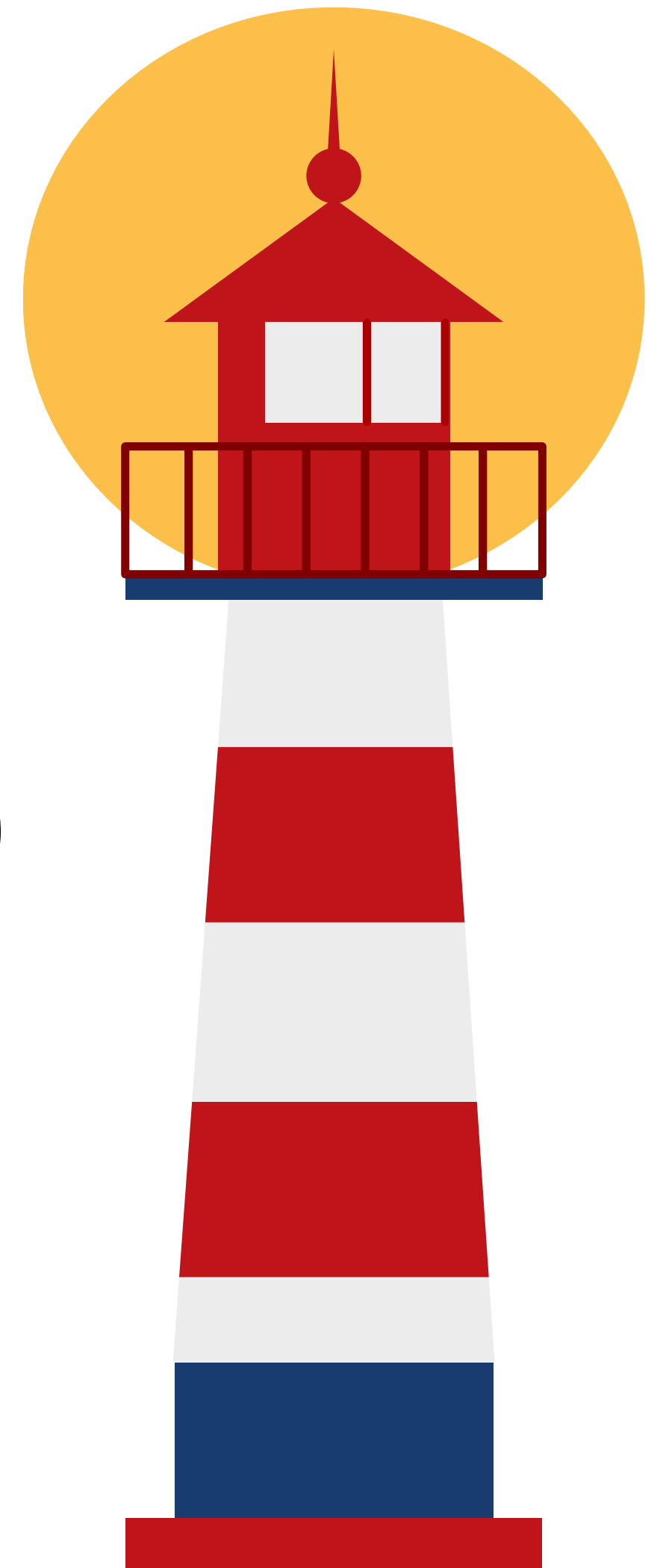


ADVERBS

PARTS OF SPEECH

Adverbs are words that describe:

- a verb (*an action word*)
- another adverb
- an adjective (*describes a noun*)



VERB

The light shone ***brightly***.

↓
verb

↓
adverb

ADVERB

The light shone ***spectacularly brightly***.

↓
verb

↓
adverb

↓
adverb

ADJECTIVE

The lighthouse is ***very*** tall.

↓
noun

↙
adverb

↓
adjective



SCIENTIFIC METHOD

1

QUESTION

Ask questions about what you want to find out or discover.

2

RESEARCH

Find out as much about the topic as possible.

3

HYPOTHESIZE

Make predictions about what you might learn or discover.

4

EXPERIMENT

Test the hypothesis to confirm or disprove your ideas.

5

COLLECT DATA

Collect data and evidence to prove your findings.

6

ANALYZE

Record what happens during the experiment.

7

CONCLUDE

Make conclusions about the findings and discoveries of the experiment.

8

REPORT

Record and report back the findings made during the scientific process.

