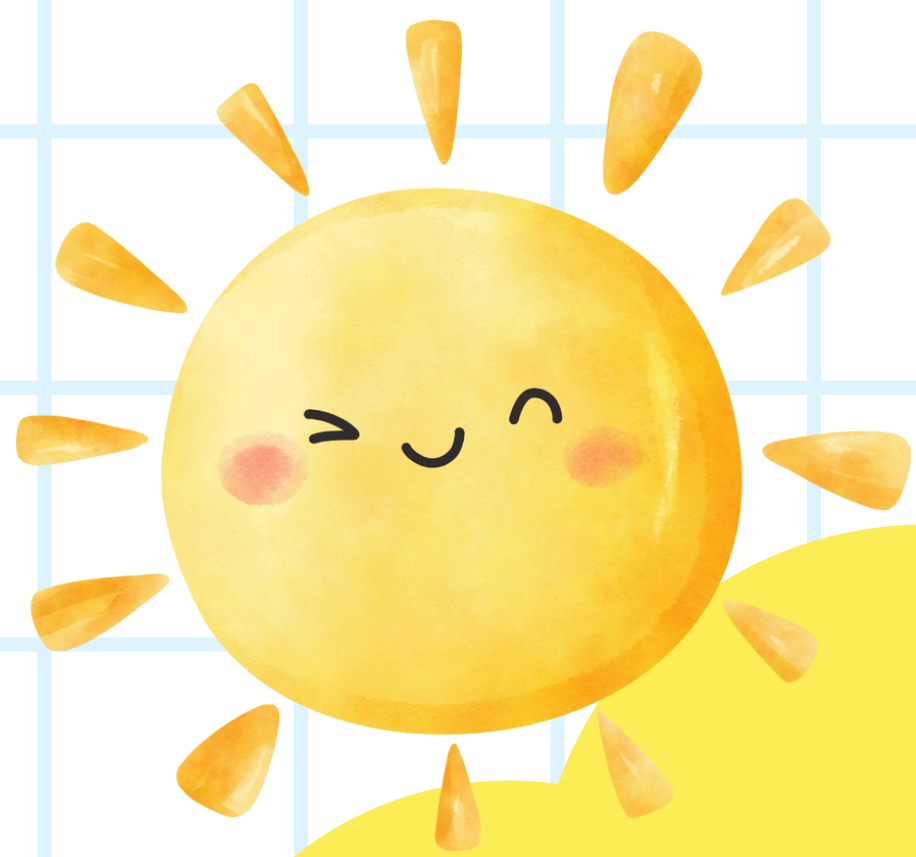
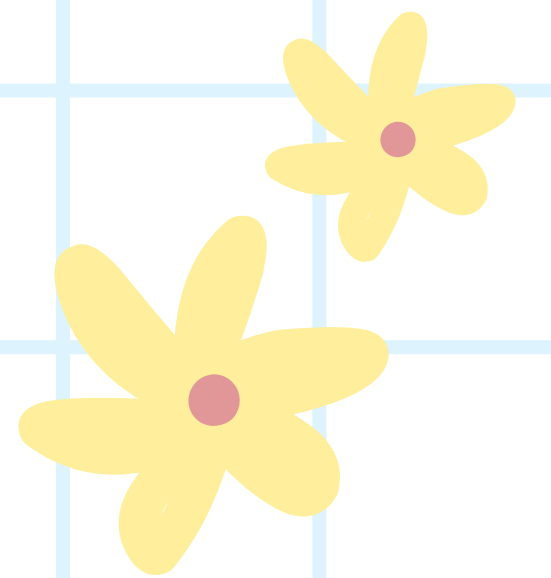




DICTIONARY TEN



GRAPHIC PROPERTIES



Try this

- Look at the key words and the picture.
- Read the example sentence out loud.
- Imagine the story and relate it to your life.



Contact Event Assistant for
more learning resources!



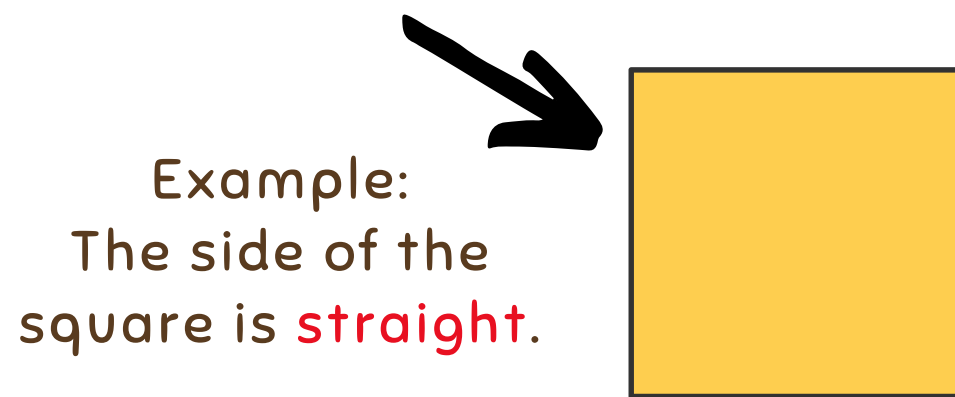
Graphic Properties

Graphic properties are the features used to describe and compare shapes, such as the number of sides, corners, faces, edges, and symmetry. They help us understand how 2D and 3D shapes look and how they are different from one another.

Straight

[streɪt] • adjective, adverb

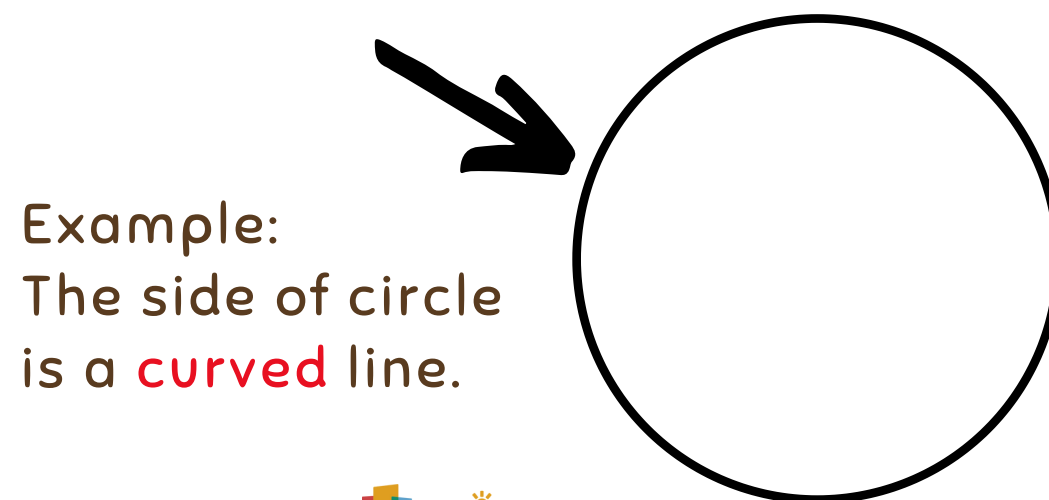
A line or side that does not curve or bend, going in one clear direction.



Curved

[kɜːvd] • adjective

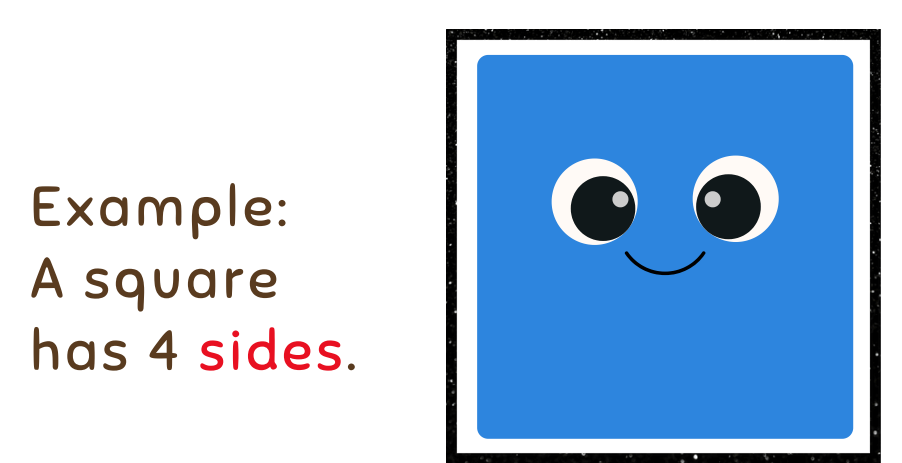
A line or surface that bends smoothly without any straight parts.



Side

[saɪd] • noun

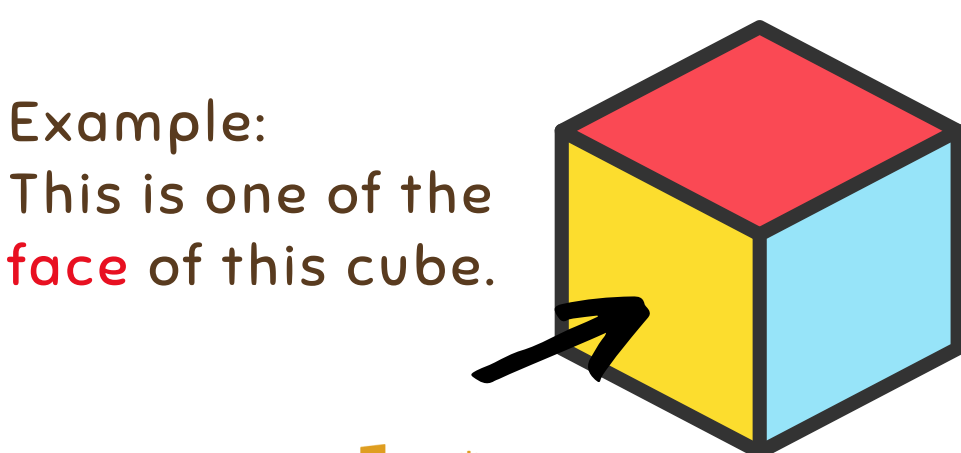
A straight line that forms part of the edge of a 2D shape.



Face

[feɪs] • noun

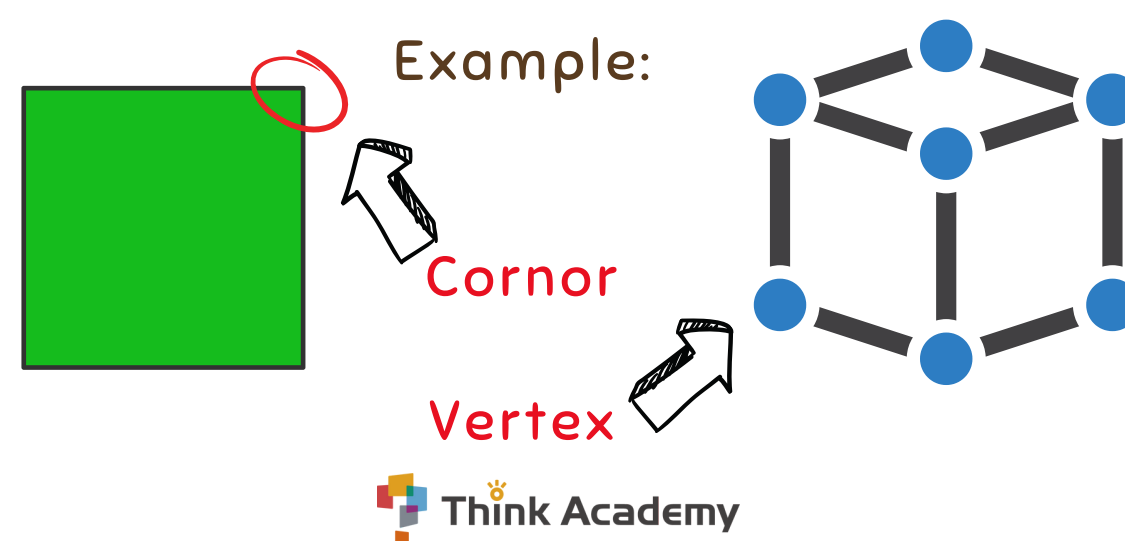
A flat surface on a 3D shape, like one side of a cube or a pyramid.



Corner/Vertex

['kɔːr.nə]/['vɜː.tɪks] • noun

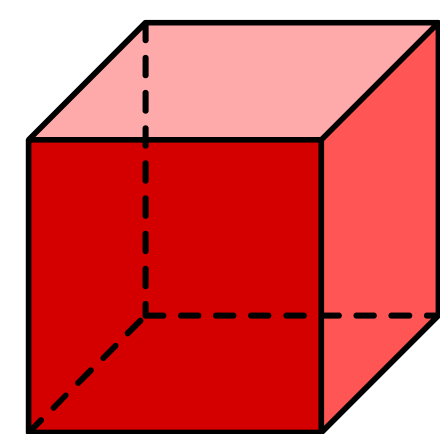
The point where two or more sides or edges meet in a shape.



Edge

[edʒ] • noun

The line where two faces meet on a 3D shape.

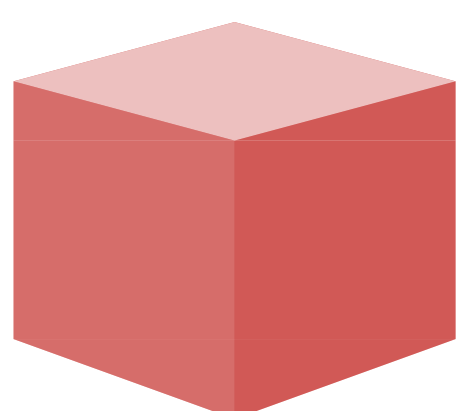


Example:
A cube has 12 **edges**.

Flat

[flæt] • adjective

A surface that is smooth and even, like the face of a cube.

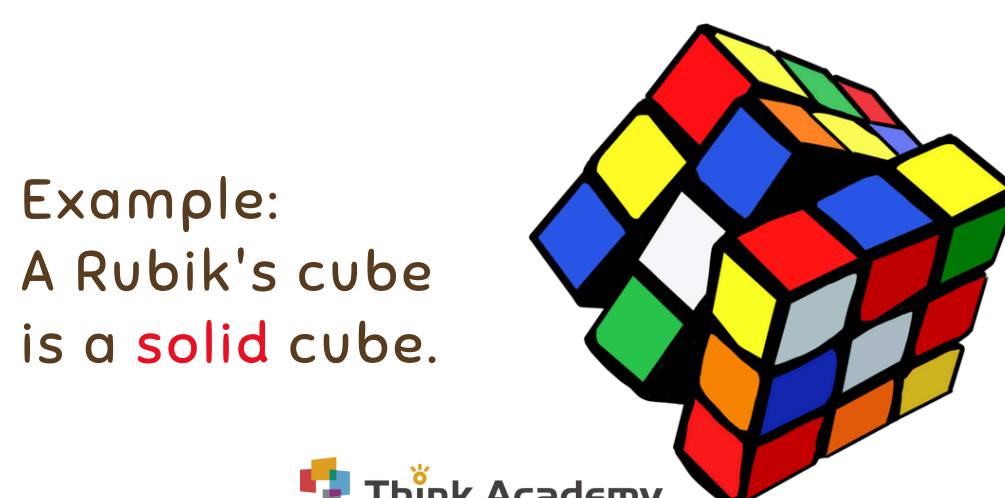


Example:
The face of the cube is **flat**.

Solid

['sɒlɪd] • adjective

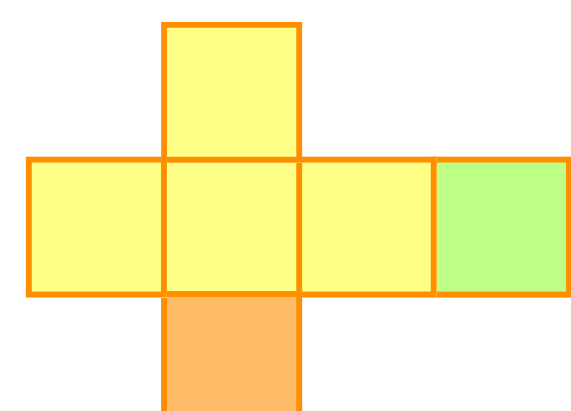
A shape that takes up space and has length, width, and height, like cubes.



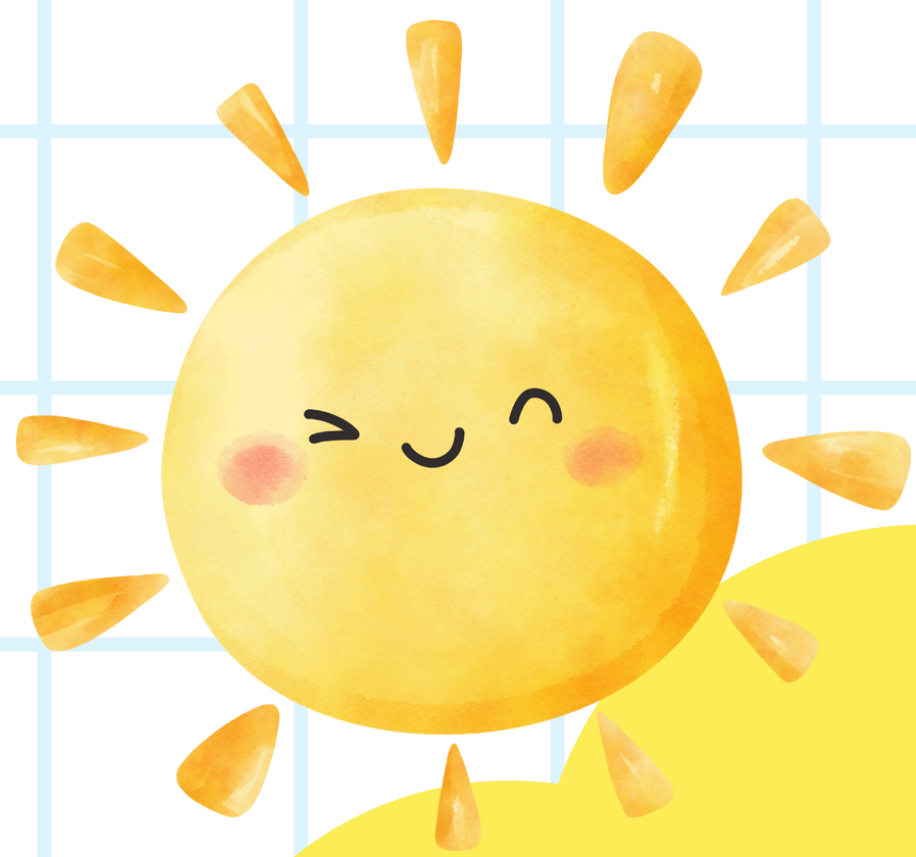
Net

[net] • noun

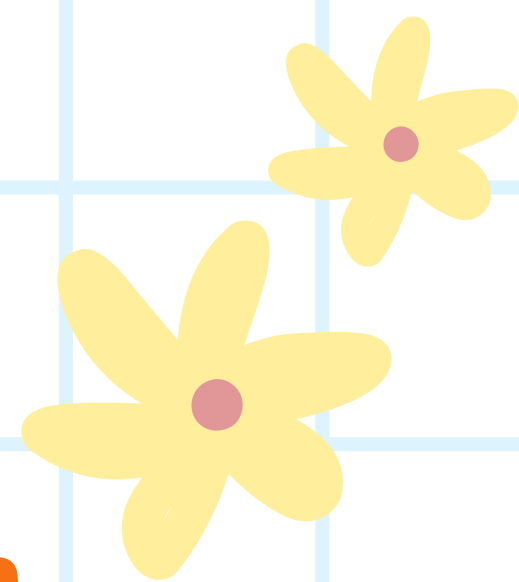
A plane figure that can be folded into a solid figure.



Example:
This is the **net** of a cube



DICTIONARY TEN



SHAPE COMPARISON & SAMENESS



Try this

- Look at the key words and the picture.
- Read the example sentence out loud.
- Imagine the story and relate it to your life.



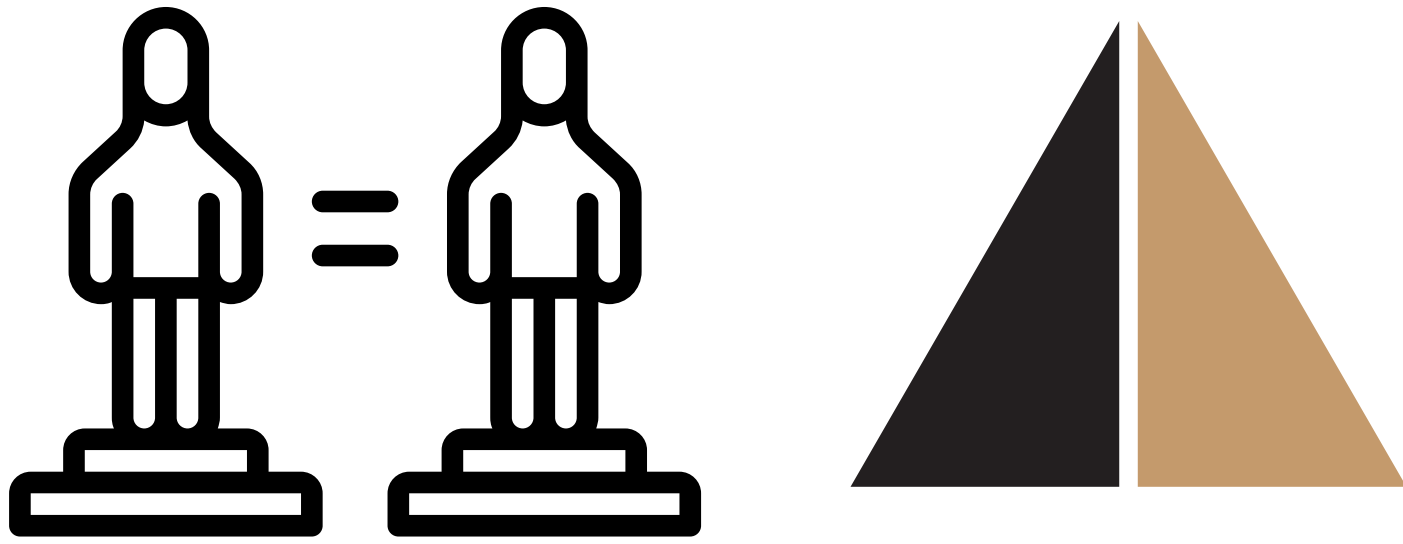
Contact Event Assistant for
more learning resources!



Identical

[aɪ'den.tə.kəl] • adjective

Two shapes are exactly the same in size and shape, even if they are in different positions or colors.



Example:

Emma has two boxes of crayons. Each box contains **identical** crayons. If one box has 12 crayons, how many crayons does she have in total?

$$12 + 12 = 24$$

Emma has 24 crayons in total.

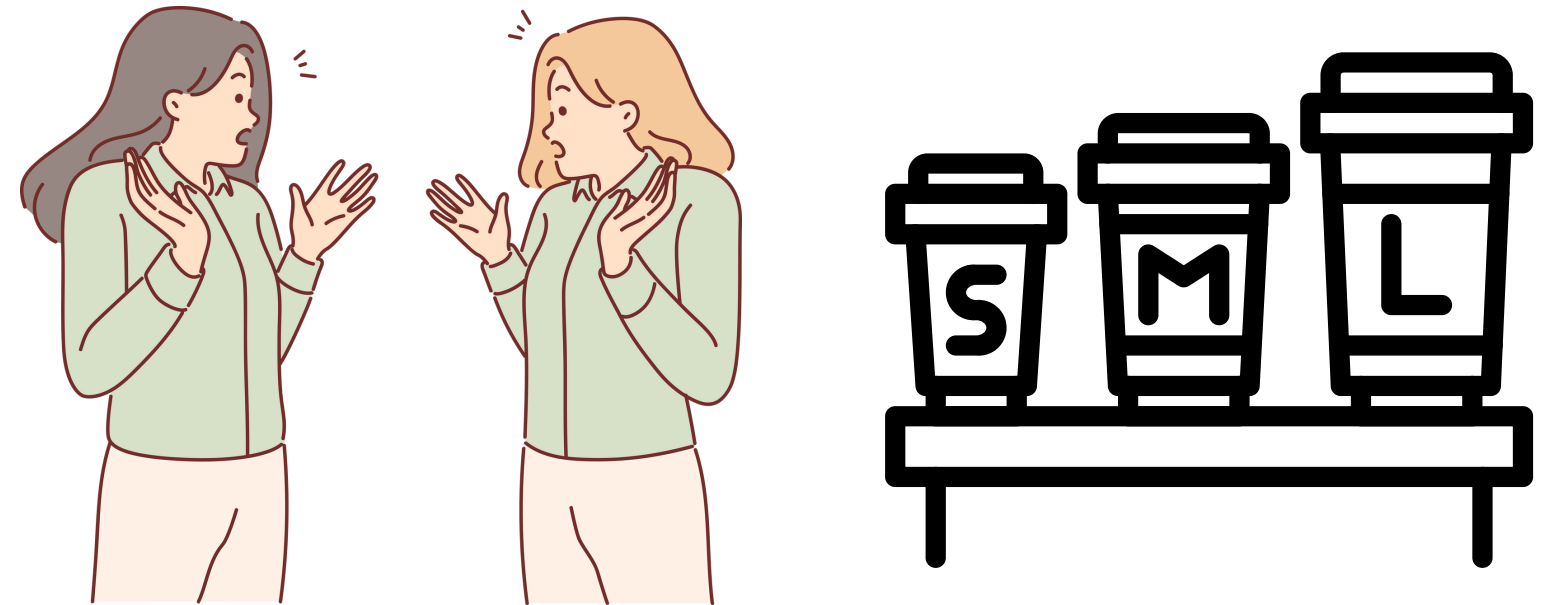


Think Academy

Look alike

[lʊk / ə'laɪk] • phrase

Two shapes are similar in appearance but may be different in size, color, or small details.



Example:

Mia has some coins. Two of them **look alike** but are worth different amounts. One is a nickel and one is a quarter. What is the total value of these two coins?

$$5 + 25 = 30$$

The total value is 30 cents

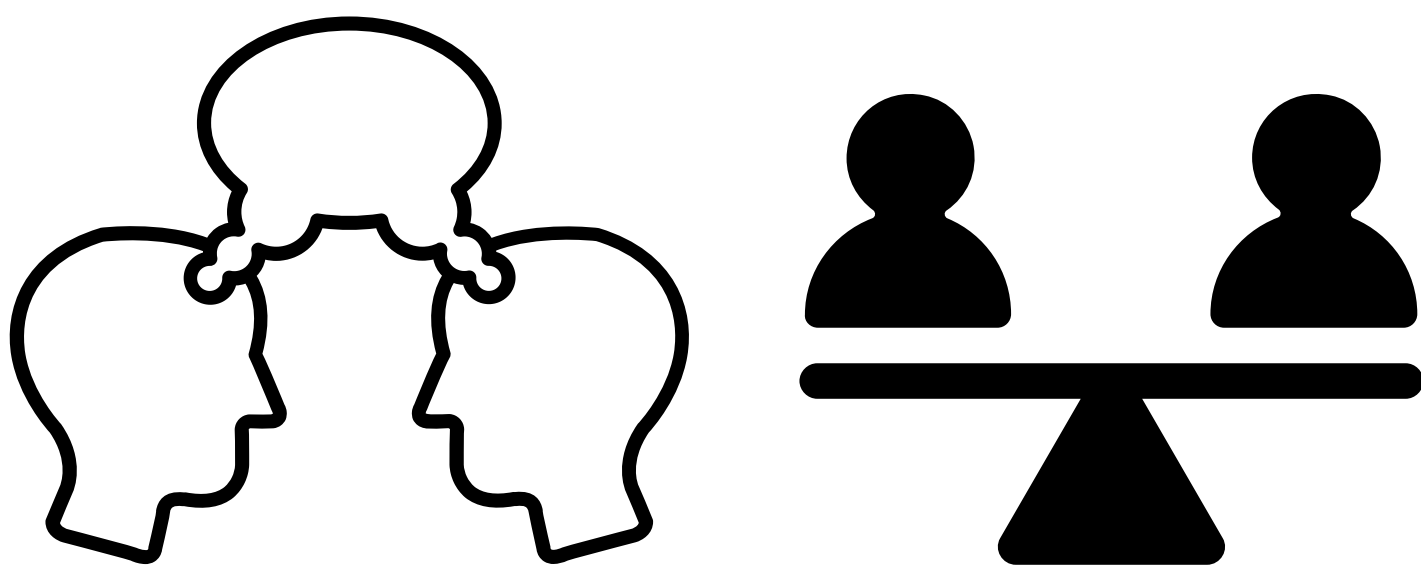


Think Academy

Exactly The Same

[ɪg'zækt.li / ðə / seɪm] • phrase

Two shapes are completely the same in size, shape, and every detail, just like perfect copies.



Example:

Lucia baked 8 cupcakes on Monday. She made **exactly the same** number of cupcakes on Tuesday. How many cupcakes did she make in these two days?

$$8 + 8 = 16$$

Yuge made 16 cupcakes.



Think Academy

Copy

['kɑː.pi] • verb, noun

A shape that is made to be exactly the same as another shape in size and shape, like making a twin.

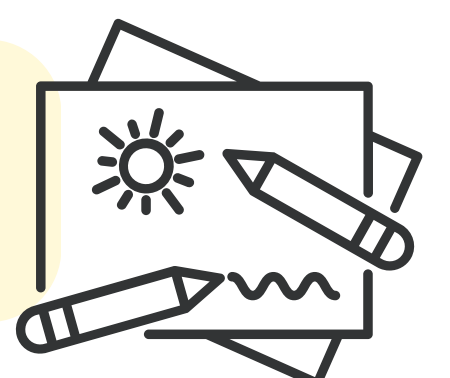


Example:

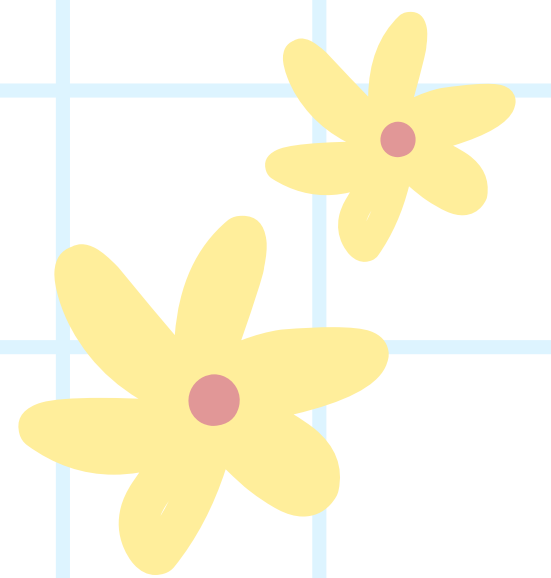
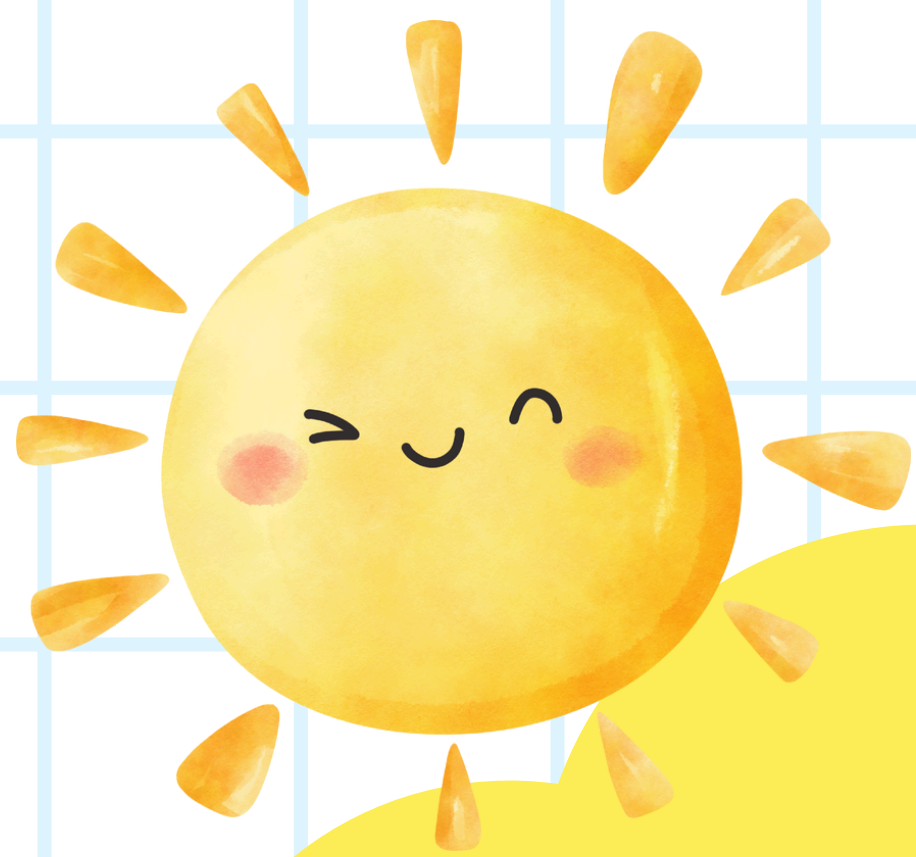
Elle made 4 drawings. She wants to **copy** each drawing 3 times to hang around the classroom. How many drawings will she have in total?

$$4 + 4 + 4 = 12$$

$$4 \times 3 = 12$$



Think Academy



DICTIONARY TEN

COMMON EXAM VOCABULARY

Try this

- Look at the key words and the picture.
- Read the example sentence out loud.
- Imagine the story and relate it to your life.

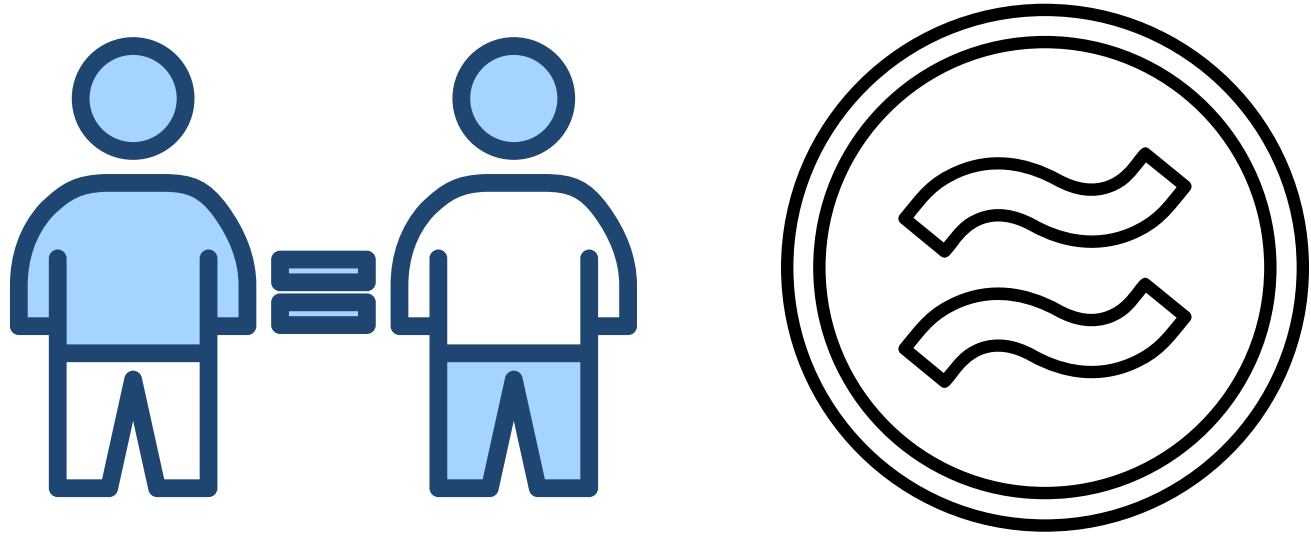
Contact Event Assistant for
more learning resources!



Similar

['sɪm.ə.lə] • adjective

Two items, shapes, or other things that have the same shape but may be different in size.

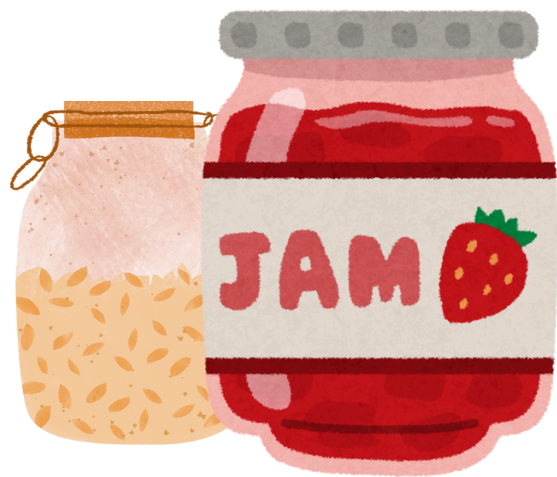


Example:

Two jars have **similar** shapes. Jar A holds 6 cups of water, and Jar B holds 2 cups more. How much water does Jar B hold?

$$6 + 2 = 8$$

Jar B can hold 8 cups of water.



Adjacent

[ə'dʒeɪ.sənt] • adjective

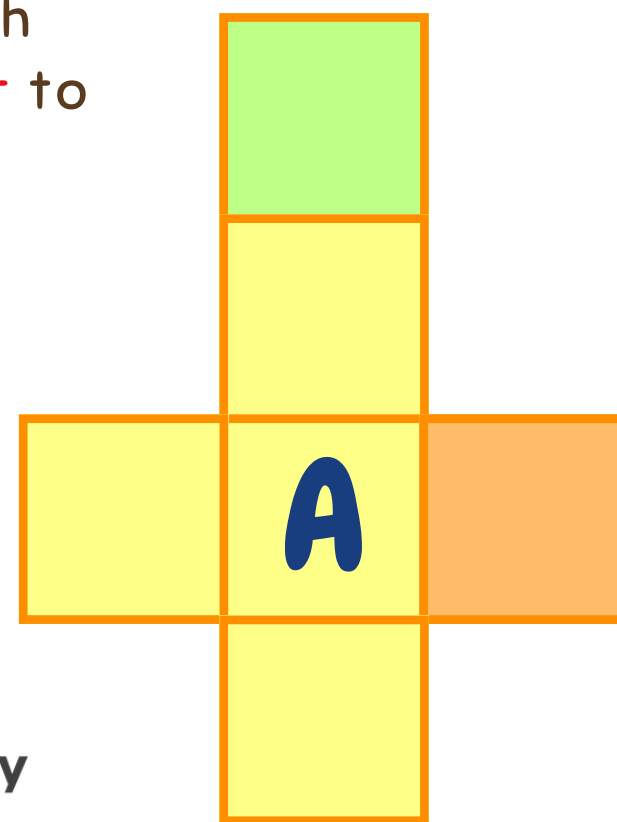
Represent next to or beside something, like two shapes or sides that touch each other.



Example:

This is the net of the cube. Which color of the face is not **adjacent** to face A, green or orange?

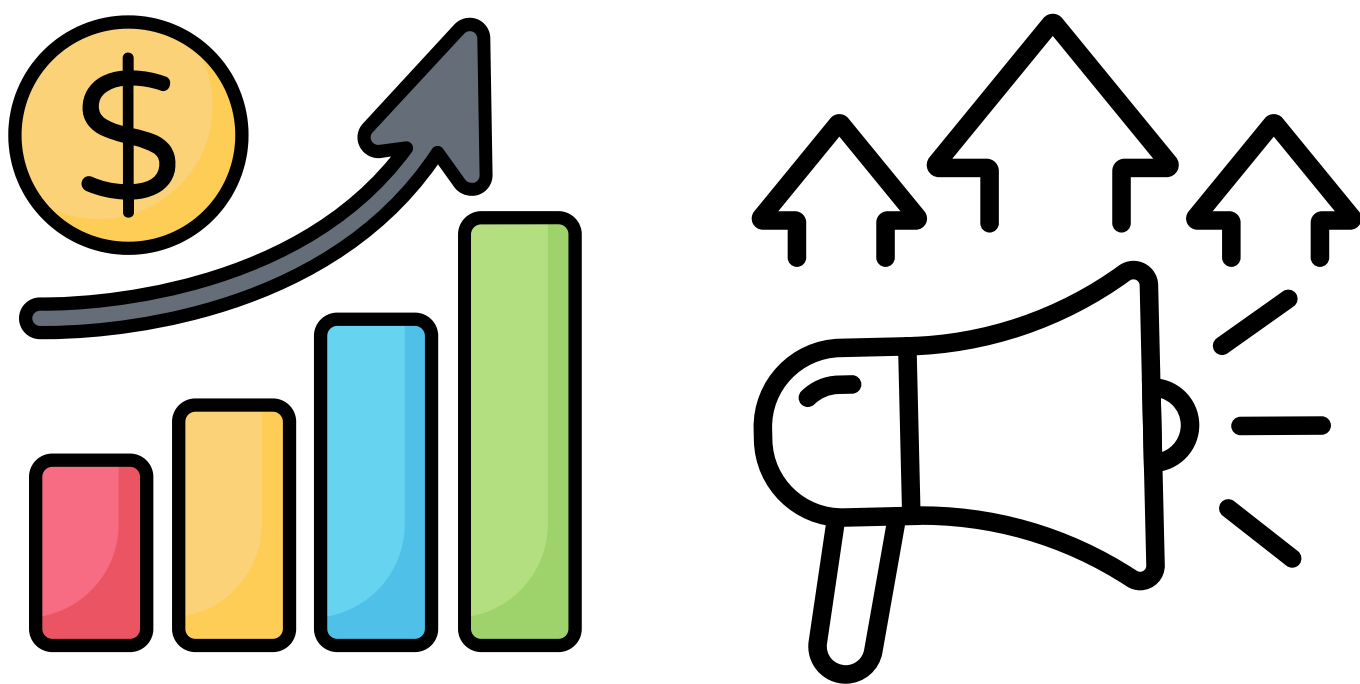
Green face. Because the orange face shares a side with face A, when the net becomes a solid shape, they share an edge.



Increase

[ɪn'kriːs] • verb

A number gets bigger or goes up.



Example:

A tree was 80 cm tall. Each year, its height **increased** by 15 cm. How tall was the tree after 1 year?

$$80 + 15 = 95$$



Decrease

[dɪ'kriːs] • verb

A number gets smaller or goes down.



Example:

The museum had 55 visitors on Monday and 36 visitors on Tuesday. The number of visitors at the museum **decreased** by how many from Monday to Tuesday?

$$55 - 36 = 19$$

