

# **FRACTIONS**

**DAY 1**

# SEL/FUNDS OF KNOWLEDGE MOMENT:

## What is something that you know a lot about?

¿Qué es algo de lo que sabes mucho?

I know a lot about \_\_\_\_\_.

Yo sé mucho de \_\_\_\_\_.



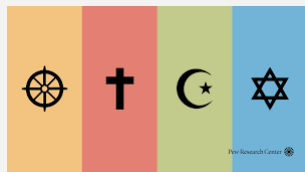
Cooking  
cocinar



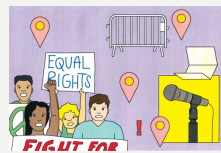
Art  
arte



Childcare  
Cuidado de niños



Religion  
religión



Politics  
política



Language  
Lenguaje



Health  
La salud



Geography  
geografía



Agriculture  
agricultura



Sports  
Los deportes



Technology

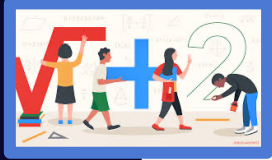


Something else?



Economics  
Ciencias  
económicas

# Standards and Goals for the day:



## Math

### Standard 3.NF.A.1 (Major Work of the Grade)

Understand a fraction,  $\frac{1}{b}$ , as the quantity formed by 1 part when a whole is partitioned into  $b$  equal parts (unit fraction); understand a fraction  $\frac{a}{b}$  as the quantity formed by  $a$  parts of size  $\frac{1}{b}$ . For example,  $\frac{3}{4}$  represents a quantity formed by 3 parts of size  $\frac{1}{4}$ .

I can understand that a fraction is:

- a number
- A part or parts of a whole that is divided into equal parts



## Language

L.CSE.2 Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing

I can write the word form of fractions.

# What is a fraction?

- A fraction is a number.
- A fraction is a part or parts of a whole that is divided into equal parts.



One whole



4 equal parts

# What is a **whole**?



One whole cake



One whole orange



One whole tortilla

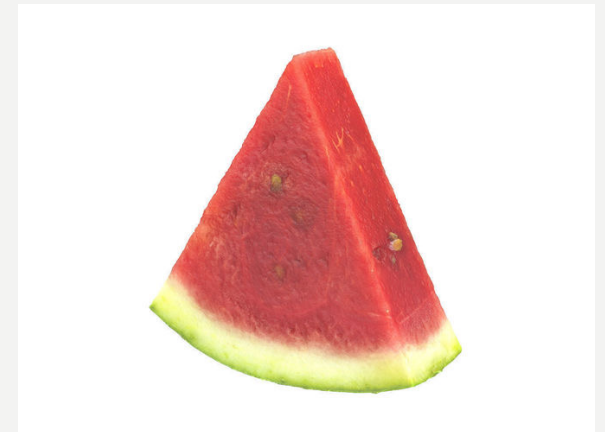


One whole pupusa

Whole: complete, not broken

Entero, completo

# IS IT A **WHOLE** OR A **PART**?



Whole: complete, not broken

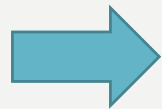
Entero, completo

# What is a **fraction**?

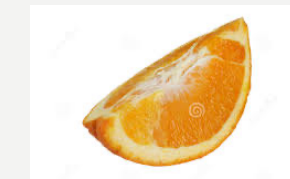
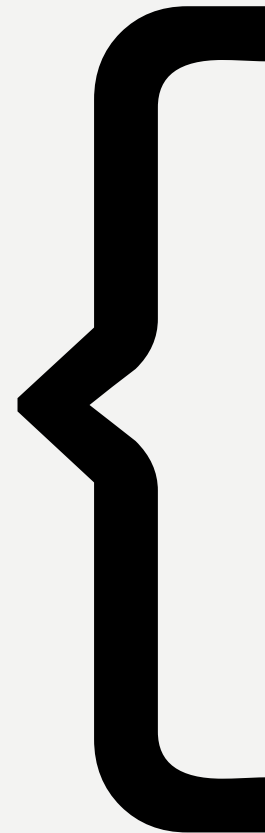
A fraction is a part of a whole that is divided into **equal parts**.



One whole



4 equal parts

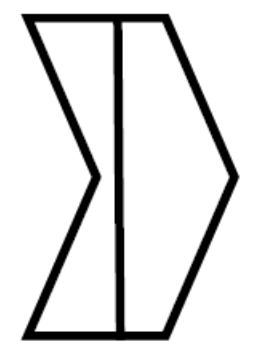
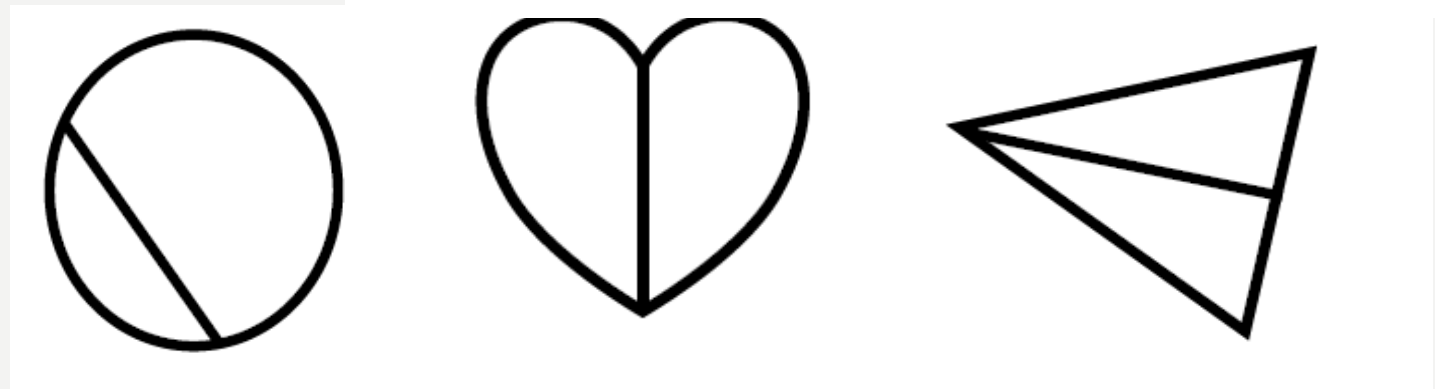
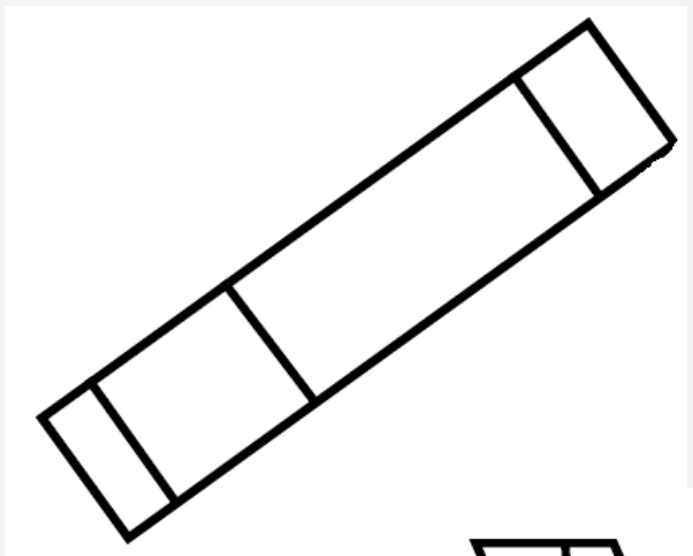
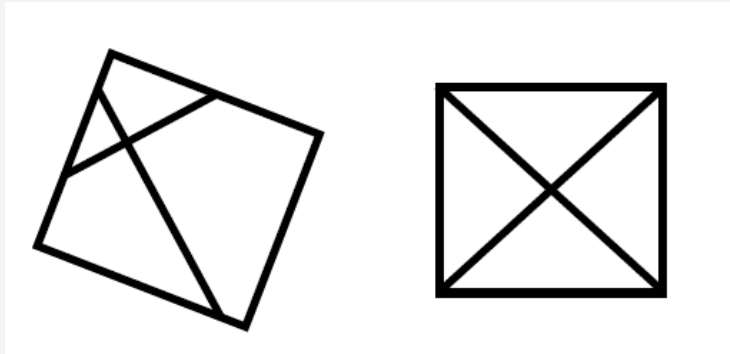


# A **fraction** needs **equal parts**.

## Can I make a **fraction** with these shapes?

Yes, this is divided into equal parts.

No, this isn't divided into equal parts.





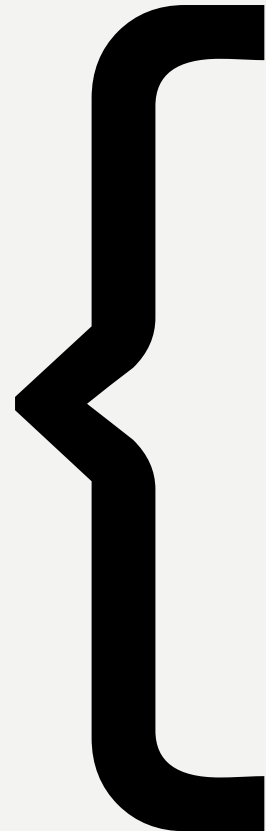
# A fraction is **a part or parts** of a whole that is divided into **equal parts**.



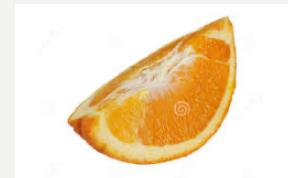
One whole



4 equal parts



- This is a part.
- The orange is divided into equal parts
- This is a fraction.



What is this?



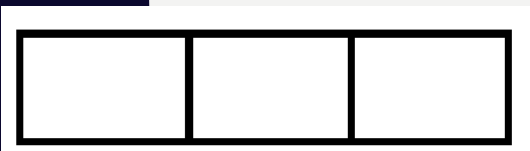
What is this?



What is this?

Ask students to practice saying “this is a part. This is a fraction..”

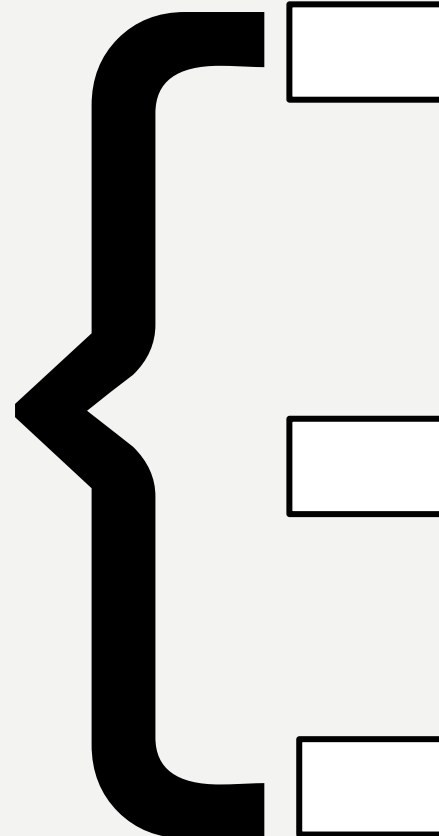
# A fraction is **a part or parts of a whole** that is divided into **equal parts**.



One whole



3 equal parts



- This is a part.
- The rectangle is divided into equal parts
- This is a fraction.

What is this?

What is this?

Ask students to practice saying “this is a part. This is a fraction..”

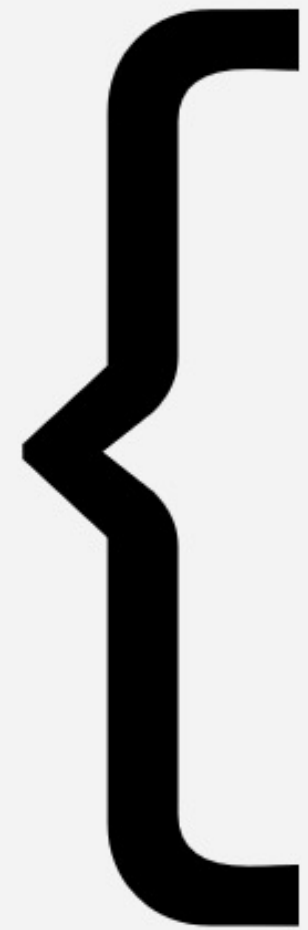
# How do I write a **fraction**?



One whole



4 equal parts



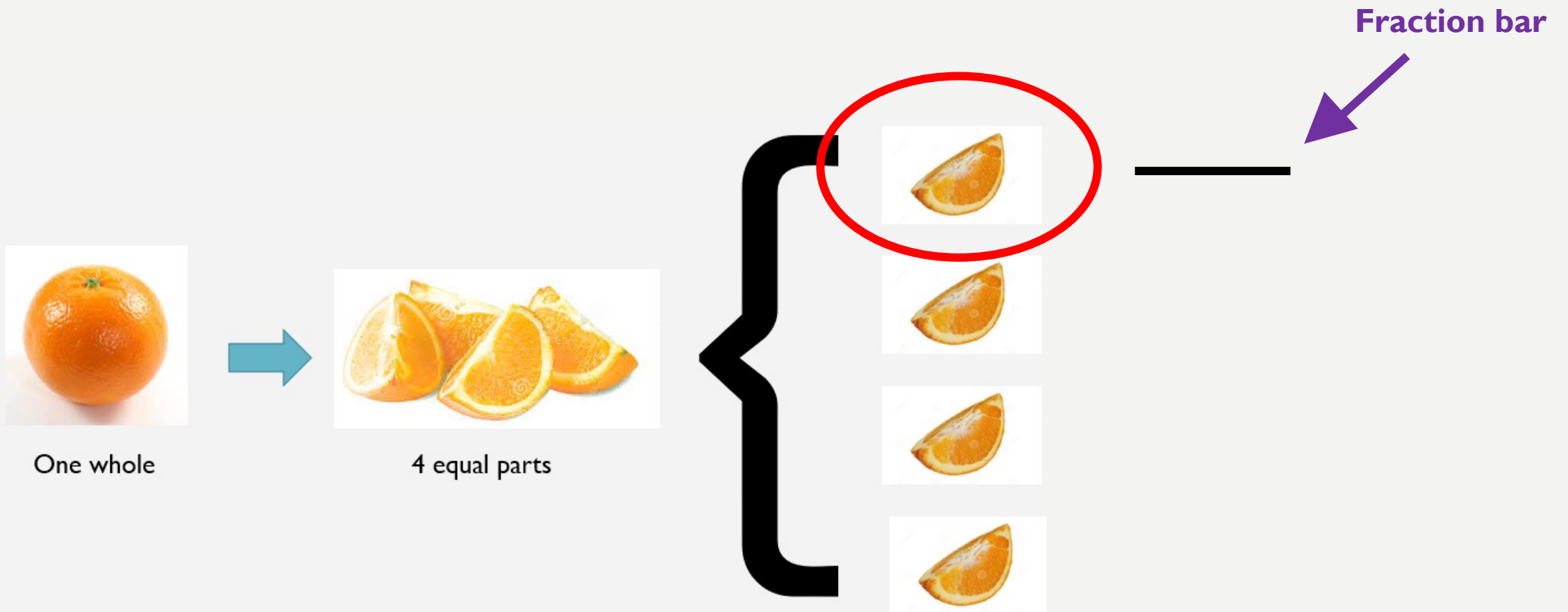
What **number**?



Ask students if they know how to write a fraction.

# How to write a fraction:

Step 1: Draw a fraction bar.



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Step 1: Draw a fraction bar.

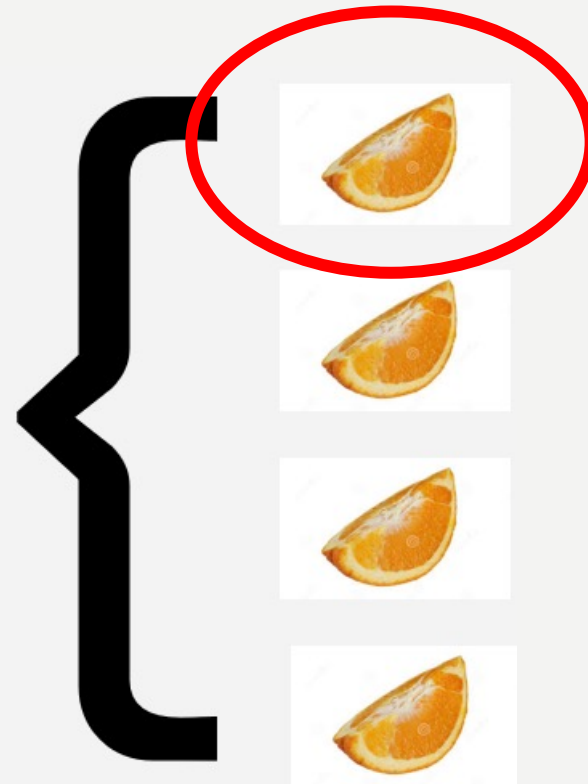
Step 2: Count how many parts are **in the circle**.



One whole



4 equal parts



$$\frac{\quad}{4}$$

Numerator

Fraction bar

# How to write a fraction:

Step 1: Draw a fraction bar.

Step 2: Count how many parts are **in the circle**.

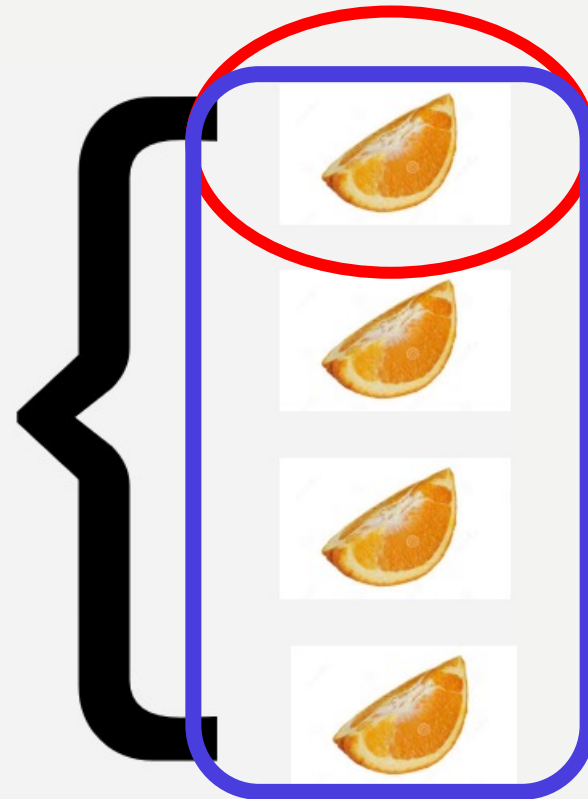
Step 3: Count the parts **in total**.



One whole



4 equal parts



$$\frac{1}{4}$$

Numerator

Fraction bar

Denominator

# How to write a fraction:

Step 1: Draw a fraction bar.

Step 2: Count how many parts are **in the circle**.

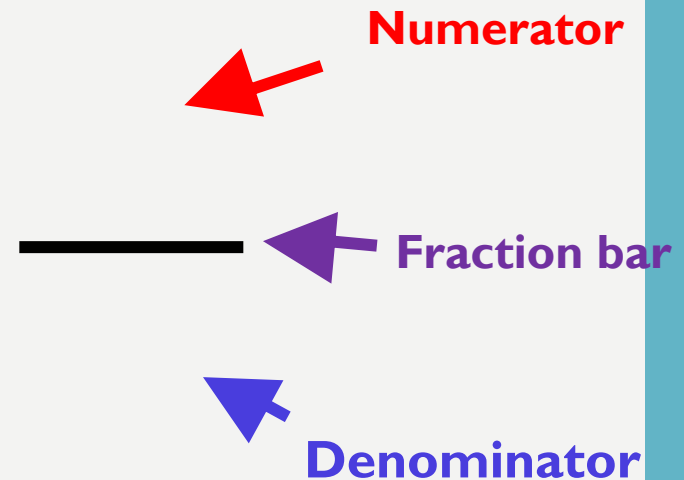
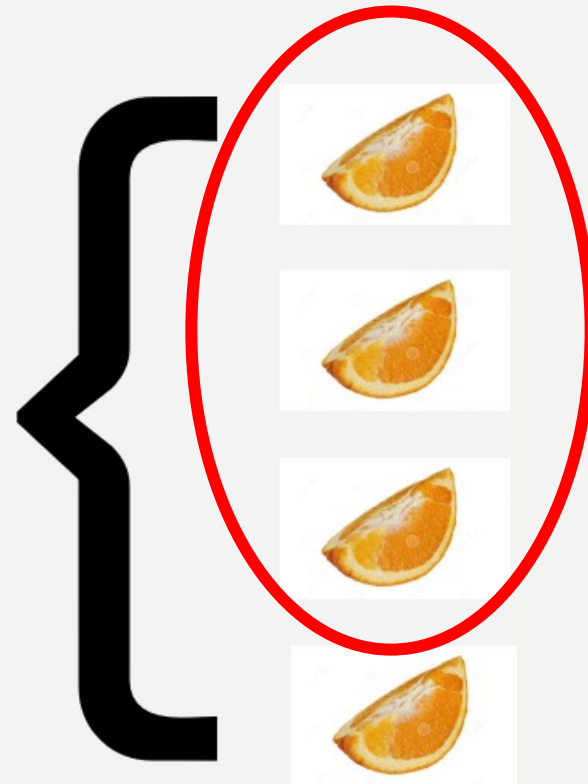
Step 3: Count the parts **in total**.



One whole



4 equal parts



# How to write a fraction:

Step 1: Draw a fraction bar.

Step 2: Count how many parts are **in the circle**.

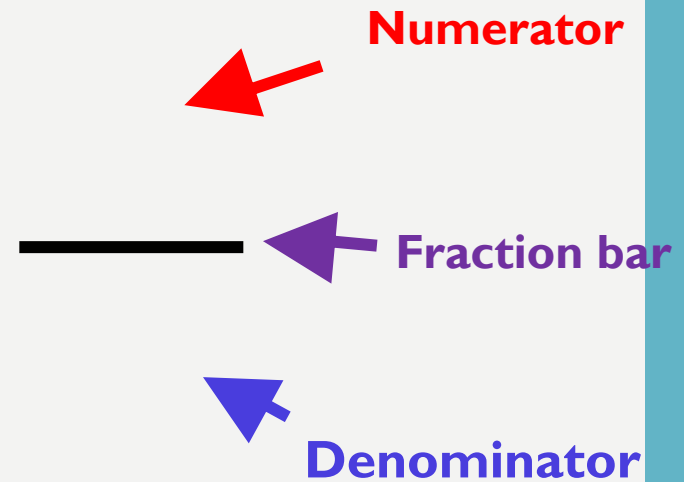
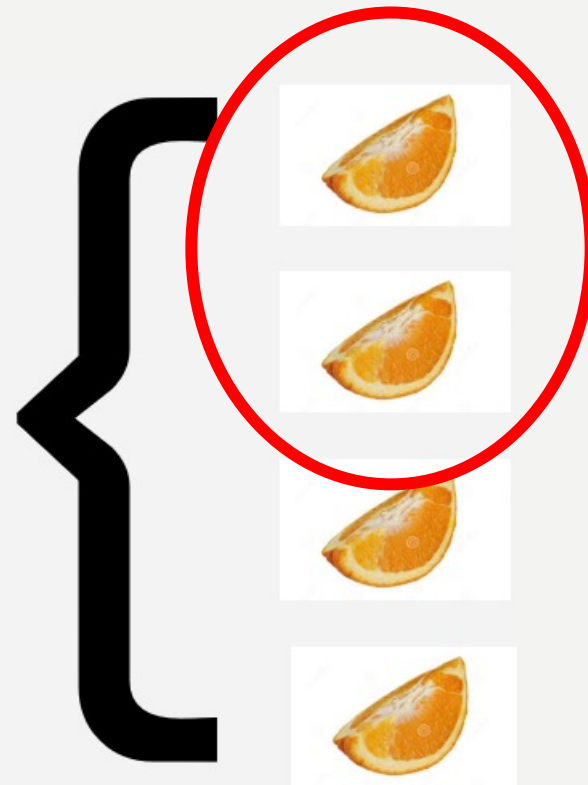
Step 3: Count the parts **in total**.



One whole

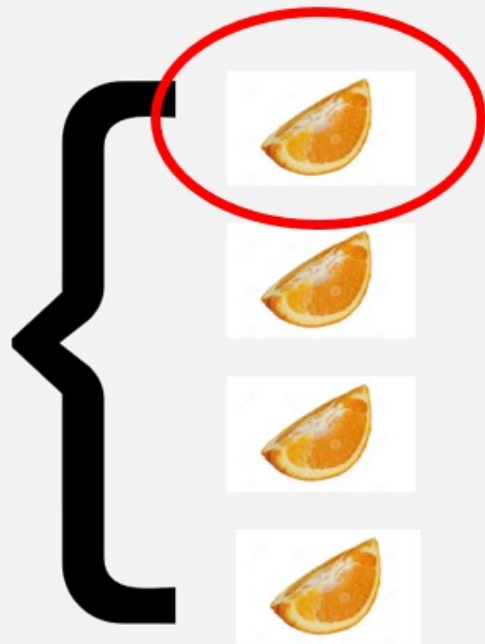


4 equal parts





# FRACTION VOCABULARY:



$$\frac{1}{4}$$

Numerator

Fraction bar

Denominator

**Number of parts out of the whole**

**Total number of parts in the whole**

# QUICK CHECK:

1. A fraction is a \_\_\_\_\_.



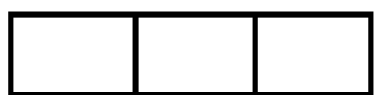
2. The **top number** of a fraction is the \_\_\_\_\_.

$$\frac{2}{3}$$
A red arrow points from the right towards the number 2 in the numerator of the fraction.

3. The **bottom number** of a fraction is the \_\_\_\_\_.

$$\frac{2}{3}$$
A teal arrow points from the right towards the number 3 in the denominator of the fraction.

4. The whole is divided into \_\_\_\_\_ parts.



## Words:

denominator

equal

numerator

part