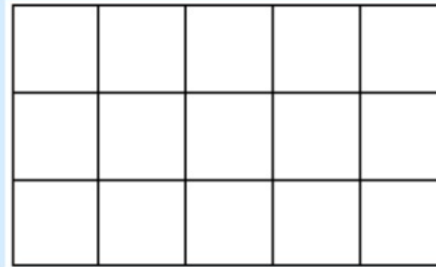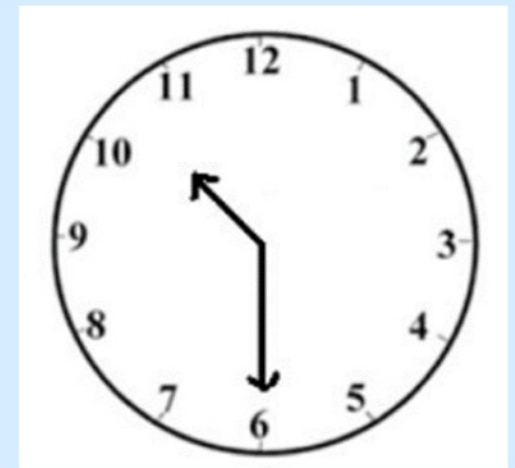# IALT: explore fractions.

What is the area?

What is the area?

3cm

8cm

Challenge:

Bus Stop Division: 844 ÷ 2

Short Mulitplication: 451 x 3
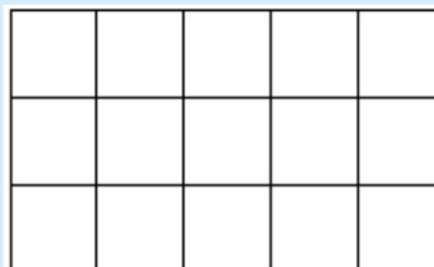
IALT: explore fractions.

What is the area?

15 squares

What is the area?

3x8 = 24cm

3cm

8cm

Bus Stop Division: 844 ÷ 2 = 422

Short Mulitplication: 451 x 3 = 1353

10:30

OR

Half past 10
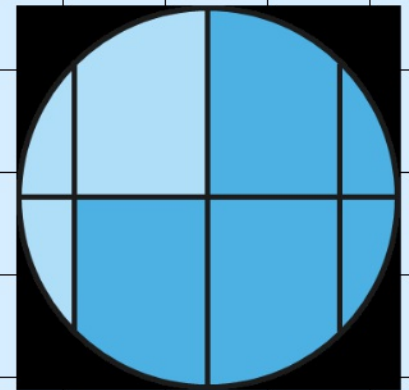
Challenge:

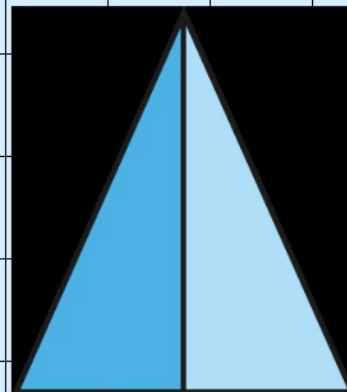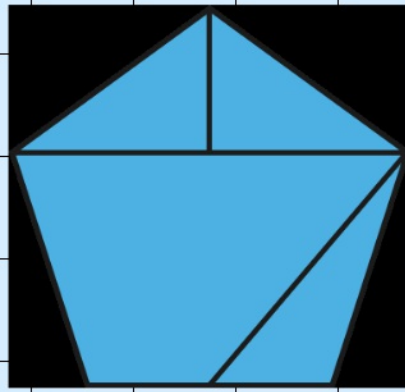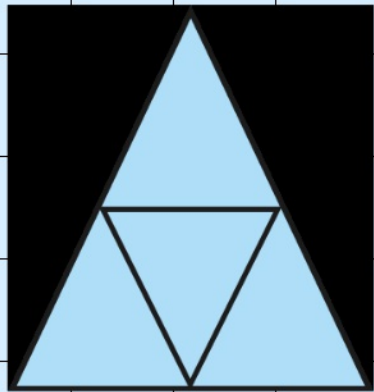https://www.topmarks.co.uk/maths-games/daily10
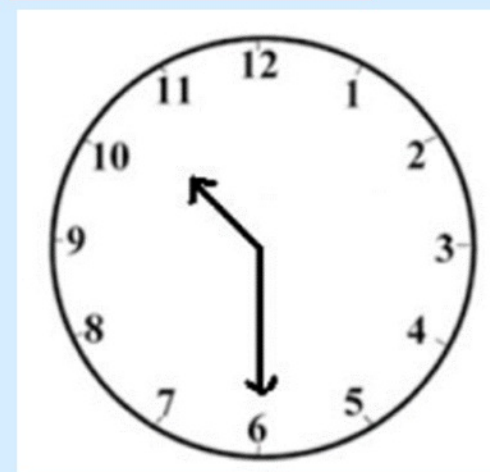
Daily Counting
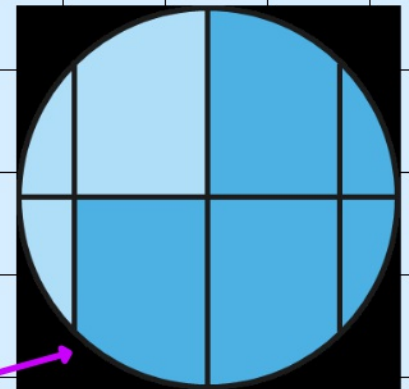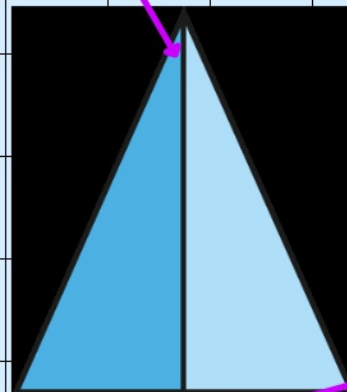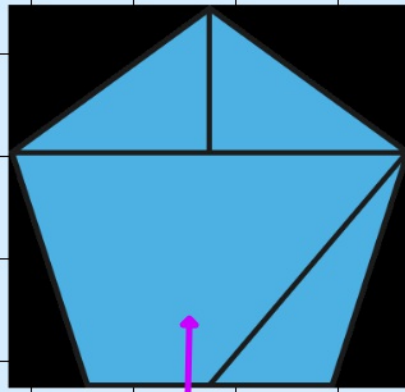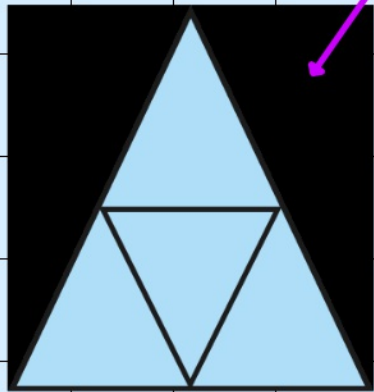
6   9   7

Which of these are examples of fractions?

Which are non-examples?

Why?

A fraction shows us a number of EQUAL PARTS.
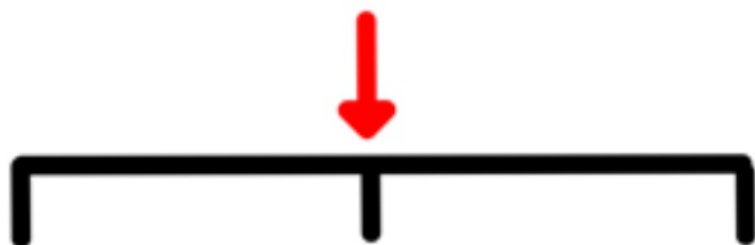
Which of these are examples of fractions?

Which are non-examples? Why?

A fraction shows us a number of EQUAL PARTS.
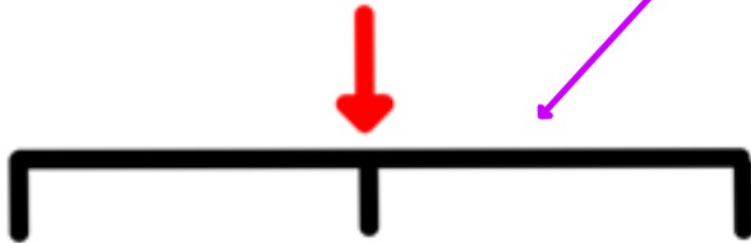
Which of these are examples of fractions?

Which are non-examples?

Why?

Number lines need to be split into EQUAL PARTS.

Which of these are examples of fractions?

Which are non-examples?

Why?

Number lines need to be split into EQUAL PARTS.

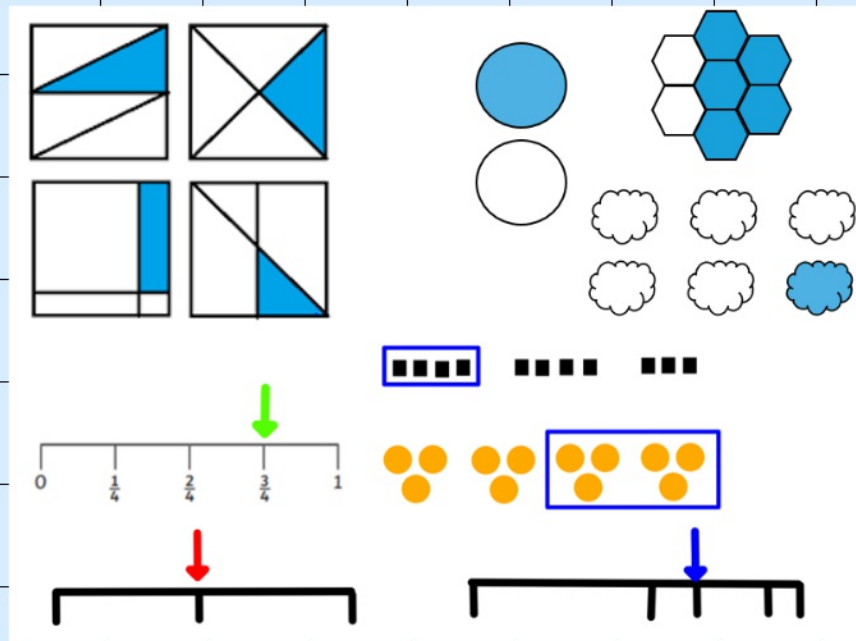**Sort and copy the representations (shown on the next page) into the correct column...**

Examples	Non-Examples
These are examples of fractions because _____	These are non-examples of fractions because _____

Extension:

Always, Sometimes, Never?

Alex says,

If I split a shape into 4 parts, I have split it into quarters.

Explain your answer.

Examples

These are examples of fractions because they have equal groups or parts.

Non-Examples

These are non-examples of fractions because they do not have equal groups or parts

Sometimes true, if they are 4 equal parts.

Extension:

Always, Sometimes, Never?

Alex says,

If I split a shape into 4 parts, I have split it into quarters.

Explain your answer.

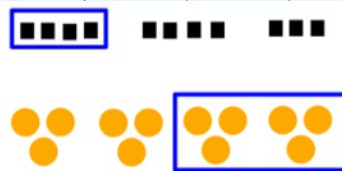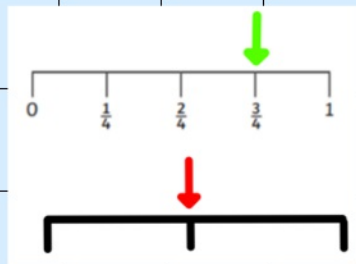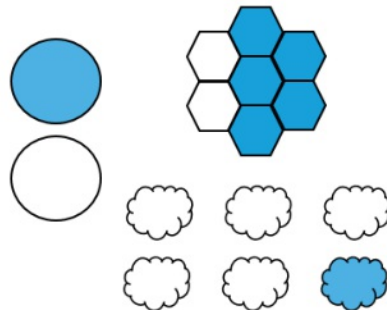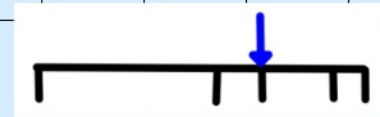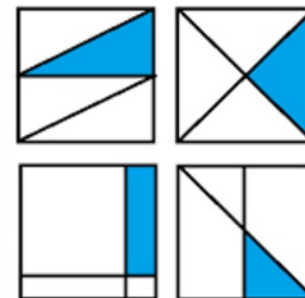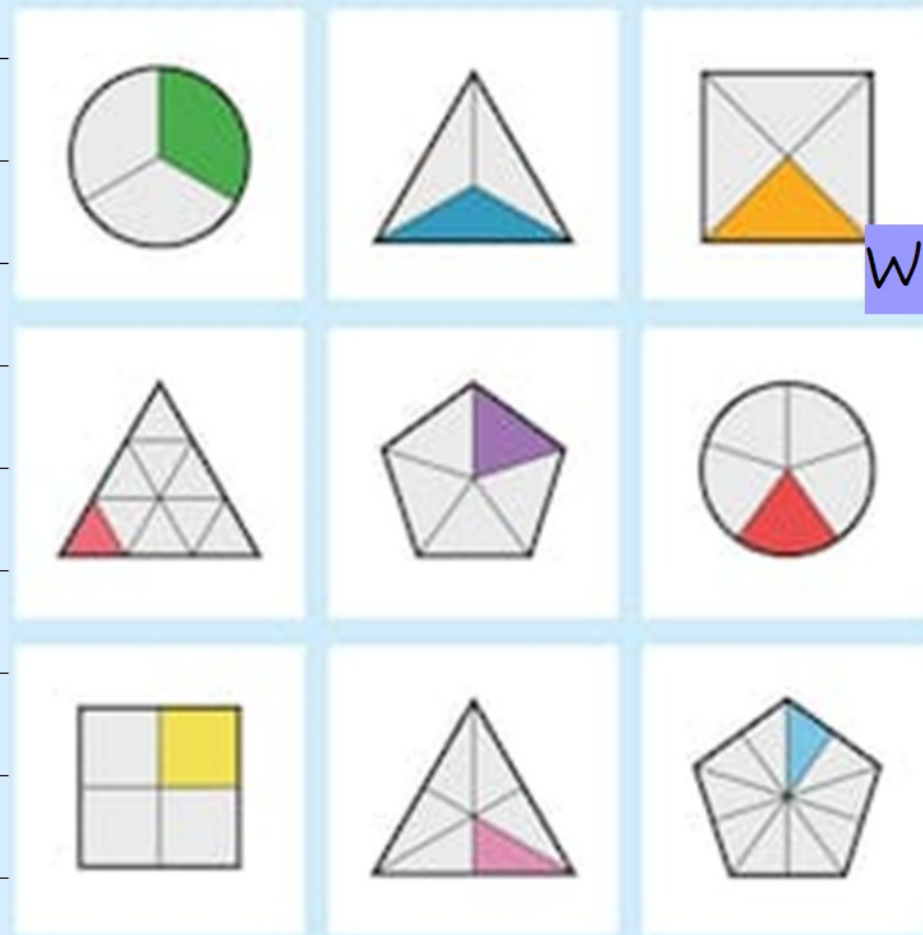# What fractions are show here?

What does a numerator tell us?

What does a denominator tell us?

How do we write fractions?

https://vimeo.com/169309648

These are all examples of **unit-fractions**.
Their numerator is 1.

This is called a FRAYER Model

Definition

Characteristics

The concept you are writing about goes here.

Examples

Non-Examples

Definition

Characteristics

Fractions

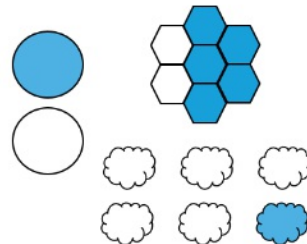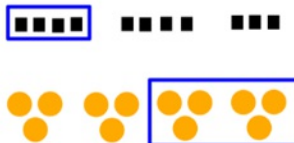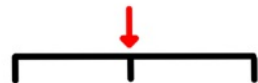**Examples**

Non-Examples

Definition

A **fraction** is a number that is used to represent a whole number that has been divided into equal parts.

Characteristics

Fractions have a numerator and a denominator.

Fractions

Examples

Non-Examples