

08.06.21

Lo: To identify unit and non-unit fractions

Success Steps

I know a fraction is an equal part of an amount or a shape.

I know the numerator represents the fraction.

I know the denominator represents the whole.

I can recognise equivalent fractions.

I know that a unit fraction always has a numerator of 1.

I know that a non-unit fraction has a numerator that is more than one.

Starter

True or False?

1. $1/5$ is a ~~non~~ unit fraction
2. $2/6$ is a non-unit fraction ✓
3. $1/8$ is a unit fraction ✓

Ido

1) How many cubes altogether?

5



How many green cubes? 1

1 out of 5 cubes are green

$$\frac{1}{5}$$

Is it a unit or a non-unit fraction?

We do

1) How many cubes altogether?



5

How many ~~green~~ cubes?

4

4 out of 5 cubes are ~~green~~

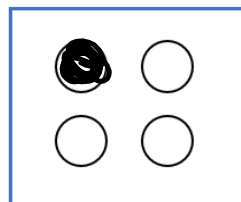
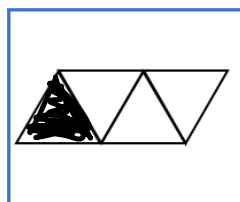
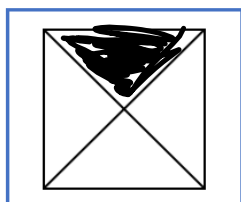
yellow

$$\frac{(4)}{(5)}$$

Is it a unit or a non-unit fraction?

Ido

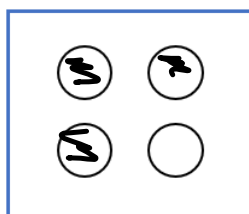
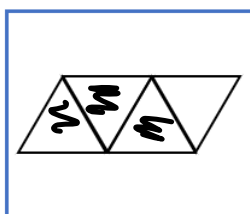
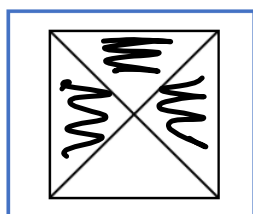
Show $\frac{1}{4}$ on each of the representations.



Is it a unit or a non-unit fraction?

We do

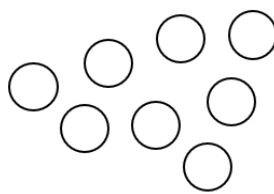
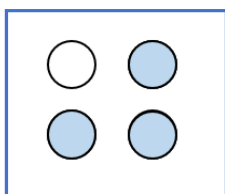
Show $\frac{3}{4}$ on each of the representations.



Is it a unit or a non-unit fraction?

We do

Show $\frac{3}{4}$ on each of the representations.



Is it a unit or a non-unit fraction?

1 Write fractions to complete the sentences.

a) of the counters are yellow. $\frac{1}{3}$

b) of the counters are red. $\frac{2}{3}$

2 Write fractions to complete the sentences.

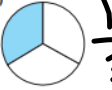
a) of the tower is green. $\frac{3}{6}$

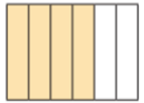
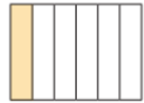
b) of the tower is yellow. $\frac{2}{6}$

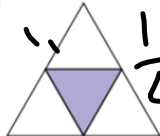
c) of the tower is blue. $\frac{1}{2}$

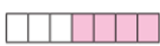
3 What fraction of each shape is shaded?

a)  $\frac{1}{5}$  $\frac{3}{5}$

b)  $\frac{1}{3}$  $\frac{2}{3}$

c)  $\frac{4}{6}$  $\frac{1}{6}$ You do

d)  $\frac{1}{4}$  $\frac{2}{4}$

e)  $\frac{4}{7}$  $\frac{1}{7}$

Which is the unit fraction in each pair of shapes?
How did you know which was the unit fraction?

4

a) Colour $\frac{1}{5}$ of each shape.

b) Colour $\frac{3}{5}$ of each shape.

What is the same and what is different about your answers?

5



a) Circle $\frac{1}{3}$ of the counters.

b) Circle $\frac{2}{3}$ of the counters.

What is the same and what is different about your answers?

6

Write the fractions in the table.

$\frac{1}{6}$

$\frac{2}{3}$

$\frac{3}{4}$

$\frac{1}{10}$

$\frac{1}{8}$

$\frac{3}{5}$

$\frac{1}{4}$

$\frac{1}{99}$

$\frac{6}{1}$

$\frac{1}{250}$

Unit fractions	Non-unit fractions

Write two more examples of your own in each column.

7

a) What is a unit fraction? What is a non-unit fraction?
Talk about it with a partner.

b) Complete the sentences.
An example of a unit fraction is
The numerator is always
An example of a non-unit fraction is
The numerator is always greater than

You do