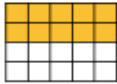



Fractions Year 3

Fraction

An equal part of a whole.




$$\frac{1}{2} \quad \frac{3}{4}$$



Fractions Year 3

Denominator

The bottom number in a fraction.
It shows how many equal parts the whole has been divided into.

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


quarters

$$\frac{3}{8}$$



eighths


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Fractions Year 3

Numerator

The top number in a fraction.
It shows how many parts we have.



$$\frac{3}{4}$$


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Spring Block

Year 3 Fractions Vocabulary


Master The Curriculum





Fractions Year 3

Unit Fraction

A fraction where the numerator is one.

$$\frac{1}{2}$$



$$\frac{1}{100}$$


$$\frac{1}{6}$$


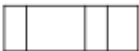
Fractions Year 3

Equal


The same amount.




Equal pieces



Unequal pieces



Equal rows and columns



Unequal rows and columns


3


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Fractions Year 3

Non-unit Fraction

A fraction where the numerator is greater than 1.

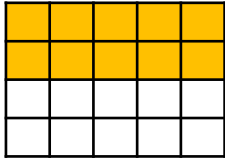
$$\frac{10}{100}$$


$$\frac{3}{6}$$


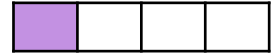
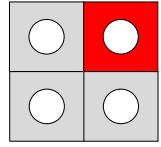
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Fraction

An equal part of a whole.



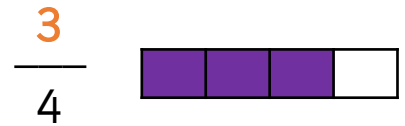
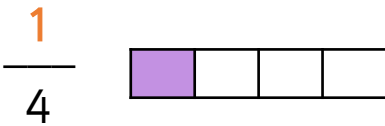
$$\frac{1}{2} \quad \frac{3}{5}$$



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Numerator

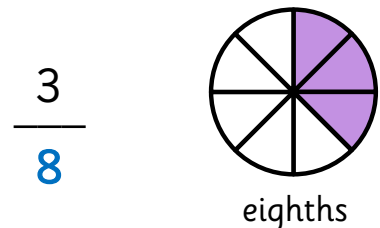
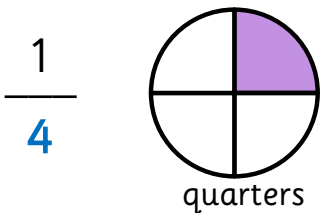
The top number in a fraction.
It shows how many parts we have.



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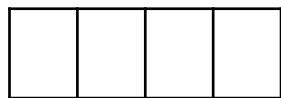
Denominator

The bottom number in a fraction.
It shows how many equal parts the whole has been divided into.

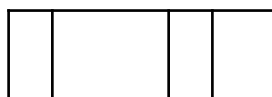


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Equal



Equal pieces



Unequal pieces

The same amount.



Equal rows and columns

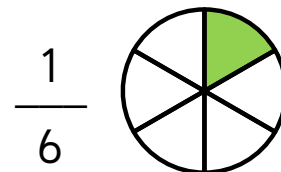
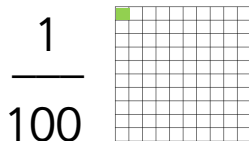
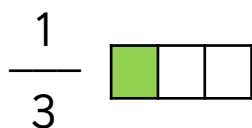


Unequal rows and columns

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Unit Fraction

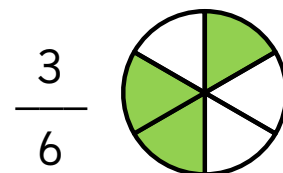
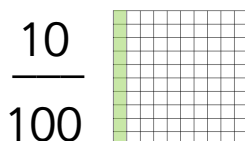
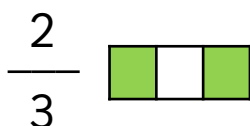
A fraction where the numerator is one.



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Non-unit Fraction

A fraction where the numerator is greater than 1.

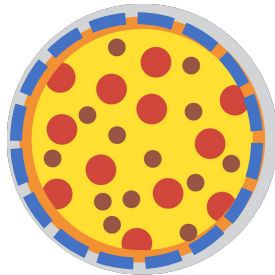


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Whole

Something that is complete. One object or one quantity.

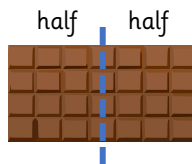
One whole pizza



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Halves

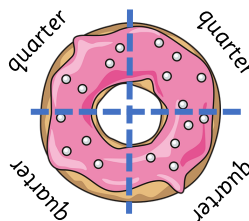
If a whole is divided into two equal parts, each part is a half.



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Quarters

If a whole is divided into four equal parts, each part is a quarter.

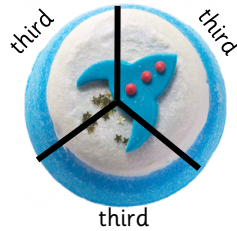


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Thirds

If a whole is divided into three equal parts, each part is a third.

The whole cake has been split into three equal parts.



Each part is worth a third.

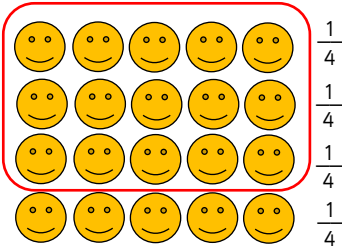
This is the same as $\frac{1}{3}$

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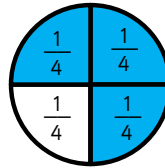
Three Quarters

When you count three of your quarters.

You can see three quarters here.



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

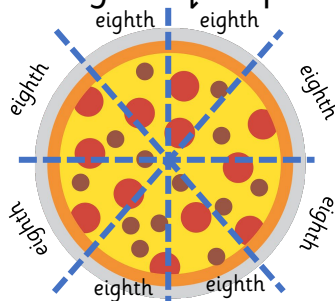


$\frac{3}{4}$

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Eighths

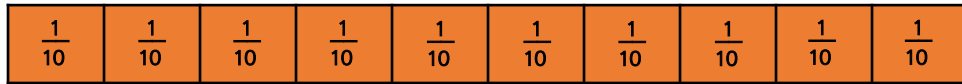
If a whole is divided into eight equal parts, each part is an eighth.



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Tenths

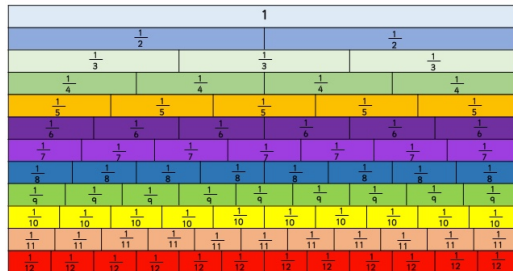
If a whole is divided into ten equal parts, each part is a tenth.



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Fraction Wall

Each row of a fraction wall represents one whole number.

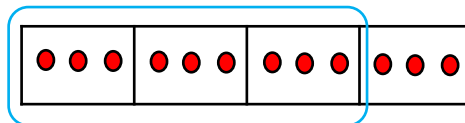


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Quantity

An amount, measure, or number of something.
You can find fractions of a quantity.

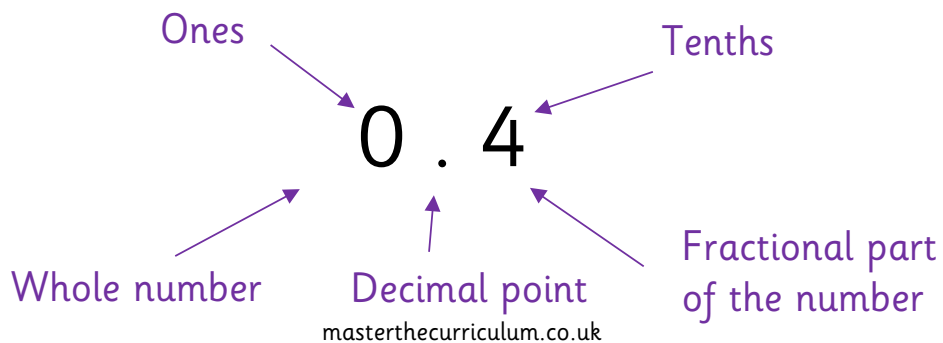
$$\frac{3}{4} \text{ of } 12 = 9$$



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Decimals

Another way to show part of a whole number.

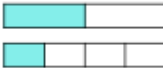


Fractions Year 3

Compare Fractions

(Fractions with the same numerator)

Deciding which fractions are greater/ smaller than the others.



$\frac{1}{2}$ is greater than $\frac{1}{4}$


The smaller the denominator – the greater the fraction!

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

Fractions Year 3

Equivalent Fractions

Different fractions that are worth the same amount.



$\frac{1}{2} = \frac{2}{4}$

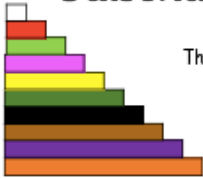



$\frac{1}{4} = \frac{2}{8}$

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Cuisenaire/ Number Rods

These can help us to see different fractions



This is worth 1 whole.

This is worth $\frac{1}{2}$.

Summer Block

Year 3 Fractions Vocabulary

Master The Curriculum




Fractions Year 3

Compare Fractions

(Fractions with the same denominator)

Deciding which fractions are greater/ smaller than the others.



$\frac{5}{8}$ is smaller than $\frac{7}{8}$

The smaller the numerator – the smaller the fraction!

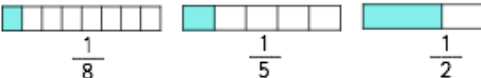
masterthecurriculum.co.uk

Fractions Year 3

Ascending

(Fractions with the same numerator)

This means to increase (get bigger) in size.
Your fractions would start from the smallest to the greatest.



$\frac{1}{8}$ $\frac{1}{5}$ $\frac{1}{2}$


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Fractions Year 3

Descending

(Fractions with the same denominator)

This means to decrease (get smaller) in size.
Your fractions would start from the greatest to the smallest.

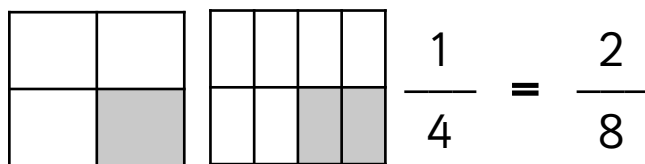
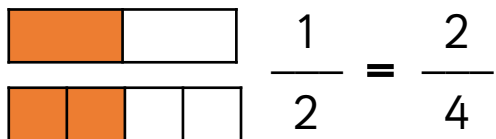


$\frac{6}{8}$ $\frac{3}{8}$ $\frac{1}{8}$

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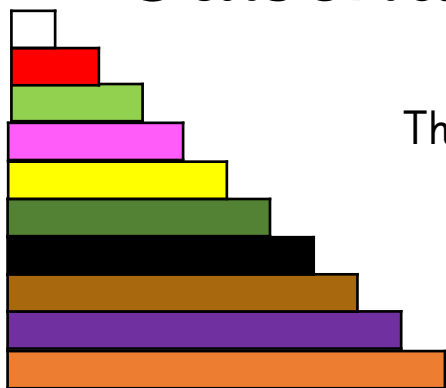
Equivalent Fractions

Different fractions that are worth the same amount.





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Cuisenaire/ Number Rods



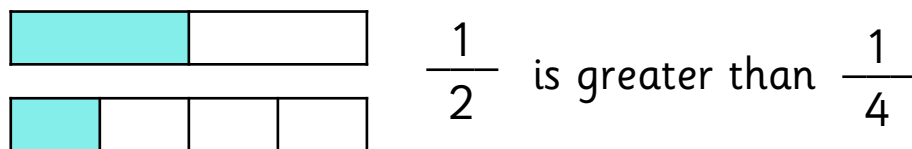
These can help us to see different fractions

 This is worth 1 whole.
 This is worth $\frac{1}{2}$.

Compare Fractions

(Fractions with the same numerator)

Deciding which fractions are greater/ smaller than the others.



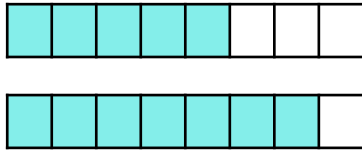
The smaller the denominator – the greater the fraction!

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Compare Fractions

(Fractions with the same denominator)

Deciding which fractions are greater/ smaller than the others.



$\frac{5}{8}$ is smaller than $\frac{7}{8}$

The smaller the numerator – the smaller the fraction!

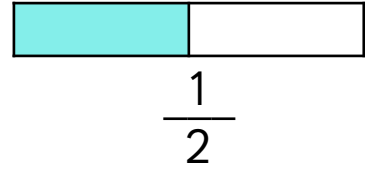
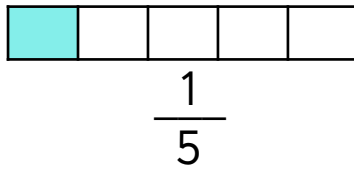
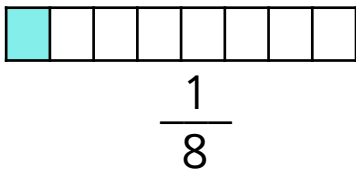
Ascending

(Fractions with the same numerator)

Ascending

This means to increase (get bigger) in size.

Your fractions would start from the smallest to the greatest.



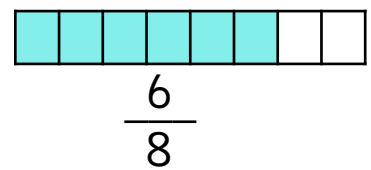
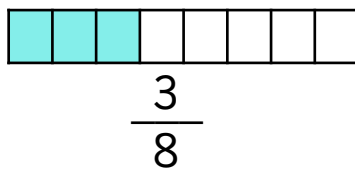
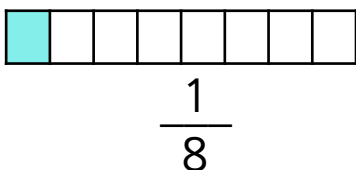
Ascending

(Fractions with the same denominator)

Ascending

This means to increase (get bigger) in size.

Your fractions would start from the smallest to the greatest.

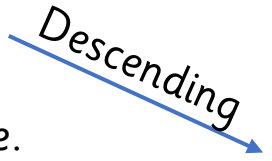


Descending

(Fractions with the same numerator)

This means to decrease (get smaller) in size.

Your fractions would start from the greatest to the smallest.



$$\frac{1}{2}$$



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



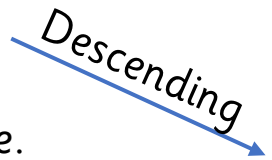
$$\frac{1}{8}$$

Descending

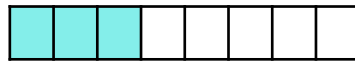
(Fractions with the same denominator)

This means to decrease (get smaller) in size.

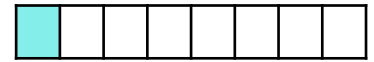
Your fractions would start from the greatest to the smallest.



$$\frac{6}{8}$$



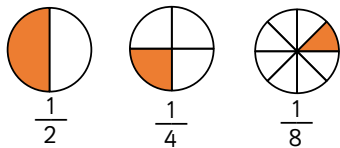
$$\frac{3}{8}$$



$$\frac{1}{8}$$

Order Fractions

Descending



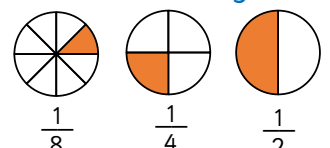
$$\frac{1}{2}$$

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

$$\frac{1}{8}$$

(Fractions with the same numerator)

Ascending



$$\frac{1}{8}$$

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

$$\frac{1}{2}$$

Deciding which fractions are greater/ smaller than the others and then placing them in the correct place depending on the rule given.

It could be ascending or descending order.

Spring

Fractions Year 3

Fraction

An equal part of a whole.

$$\frac{1}{2} \quad \frac{3}{5}$$

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Fractions Year 3

Equal

The same amount.

Equal pieces

Unequal pieces

Equal rows and columns

Unequal rows and columns

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Fractions Year 3

Whole

Something that is complete. One object or one quantity.

One whole pizza

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Fractions Year 3

Numerator

The top number in a fraction. It shows how many parts we have.

$$\frac{1}{4} \quad \frac{3}{4}$$

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Fractions Year 3

Unit Fraction

A fraction where the numerator is one.

$$\frac{1}{3} \quad \frac{1}{100} \quad \frac{1}{6}$$

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Fractions Year 3

Halves

If a whole is divided into two equal parts, each part is a half.

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Fractions Year 3

Denominator

The bottom number in a fraction. It shows how many equal parts the whole has been divided into.

$$\frac{1}{4} \quad \frac{3}{8}$$

quarters

eighths

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Fractions Year 3

Non-unit Fraction

A fraction where the numerator is greater than 1.

$$\frac{2}{3} \quad \frac{10}{100} \quad \frac{3}{6}$$

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Fractions Year 3

Quarters

If a whole is divided into four equal parts, each part is a quarter.

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Fractions Year 3

Thirds

If a whole is divided into three equal parts, each part is a third.

The whole cake has been split into three equal parts.

Each part is worth a $\frac{1}{3}$. This is the same as $\frac{1}{3}$.

third

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Fractions Year 3

Tenths

If a whole is divided into ten equal parts, each part is a tenth.

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Fractions Year 3

Decimals

Another way to show part of a whole number.

Ones

Tenths

Whole number

Decimal point

Fractional part of the number

0.4

Fractions Year 3

Three Quarters

When you count three of your quarters. You can see three quarters here.

$$\frac{3}{4}$$

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Fractions Year 3

Fraction Wall

Each row of a fraction wall represents one whole number.

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Fractions Year 3

Eighths

If a whole is divided into eight equal parts, each part is an eighth.

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Fractions Year 3

Quantity

An amount, measure, or number of something. You can find fractions of a quantity.

$\frac{3}{4}$ of 12 = 9

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Summer

Fractions Year 3

Equivalent Fractions

Different fractions that are worth the same amount.

$$\frac{1}{2} = \frac{2}{4}$$

$$\frac{1}{4} = \frac{2}{8}$$

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Fractions Year 3

Compare Fractions

(Fractions with the same denominator)

Deciding which fractions are greater/ smaller than the others.

$$\frac{5}{8} \text{ is smaller than } \frac{7}{8}$$

The smaller the numerator – the smaller the fraction!

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Fractions Year 3

Descending

(Fractions with the same numerator)

This means to decrease (get smaller) in size.
Your fractions would start from the greatest to the smallest.

$$\frac{1}{2} \quad \frac{1}{5} \quad \frac{1}{8}$$

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Fractions Year 3

Cuisenaire/ Number Rods

These can help us to see different fractions

This is worth 1 whole.
This is worth $\frac{1}{2}$.

Fractions Year 3

Ascending

(Fractions with the same denominator)

This means to increase (get bigger) in size.
Your fractions would start from the smallest to the greatest.

$$\frac{1}{8} \quad \frac{1}{5} \quad \frac{1}{2}$$

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Fractions Year 3

Descending

(Fractions with the same denominator)

This means to decrease (get smaller) in size.
Your fractions would start from the greatest to the smallest.

$$\frac{6}{8} \quad \frac{3}{8} \quad \frac{1}{8}$$

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Fractions Year 3

Compare Fractions

(Fractions with the same numerator)

Deciding which fractions are greater/ smaller than the others.

$$\frac{1}{2} \text{ is greater than } \frac{1}{4}$$

The smaller the denominator – the greater the fraction!

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Fractions Year 3

Ascending

(Fractions with the same denominator)

This means to increase (get bigger) in size.
Your fractions would start from the smallest to the greatest.

$$\frac{1}{8} \quad \frac{3}{8} \quad \frac{6}{8}$$

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Fractions Year 3

Order Fractions

(Fractions with the same numerator)

Deciding which fractions are greater/ smaller than the others and then placing them in the correct place depending on the rule given.
It could be ascending or descending order.

Descending Ascending

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Summer

Fractions Year 3

Equivalent Fractions

Different fractions that are worth the same amount.

$$\frac{1}{2} = \frac{2}{4}$$

$$\frac{1}{4} = \frac{2}{8}$$

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Fractions Year 3

Compare Fractions

(Fractions with the same denominator)

Deciding which fractions are greater/ smaller than the others.

$$\frac{5}{8} \text{ is smaller than } \frac{7}{8}$$

The smaller the numerator – the smaller the fraction!

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Fractions Year 3

Descending

(Fractions with the same numerator)

This means to decrease (get smaller) in size.
Your fractions would start from the greatest to the smallest.

$$\frac{1}{2} \quad \frac{1}{5} \quad \frac{1}{8}$$

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Fractions Year 3

Cuisenaire/ Number Rods

These can help us to see different fractions

This is worth 1 whole.
This is worth $\frac{1}{2}$.

Fractions Year 3

Ascending

(Fractions with the same numerator)

This means to increase (get bigger) in size.
Your fractions would start from the smallest to the greatest.

$$\frac{1}{8} \quad \frac{1}{5} \quad \frac{1}{2}$$

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Fractions Year 3

Descending

(Fractions with the same denominator)

This means to decrease (get smaller) in size.
Your fractions would start from the greatest to the smallest.

$$\frac{6}{8} \quad \frac{3}{8} \quad \frac{1}{8}$$

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Fractions Year 3

Compare Fractions

(Fractions with the same numerator)

Deciding which fractions are greater/ smaller than the others.

$$\frac{1}{2} \text{ is greater than } \frac{1}{4}$$

The smaller the denominator – the greater the fraction!

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Fractions Year 3

Ascending

(Fractions with the same denominator)

This means to increase (get bigger) in size.
Your fractions would start from the smallest to the greatest.

$$\frac{1}{8} \quad \frac{3}{8} \quad \frac{6}{8}$$

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Fractions Year 3

Order Fractions

(Fractions with the same numerator)

Deciding which fractions are greater/ smaller than the others and then placing them in the correct place depending on the rule given.
It could be ascending or descending order.

Descending Ascending

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Spring

Year 3 – Fractions Vocabulary Assessment						masterthecurriculum.co.uk
Fraction		Numerator		Denominator		
Equal		Unit Fractions		Non-unit fractions		
Whole		Halves		Quarters		
Thirds		Three Quarters		Eighths		
Tenths		Fraction Wall		Quantity		
Decimals						

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Fraction		Numerator		Denominator		
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Year 3 – Fractions Vocabulary Assessment						masterthecurriculum.co.uk
Fraction		Numerator		Denominator		
Equal		Unit Fractions		Non-unit fractions		
Whole		Halves		Quarters		
Thirds		Three Quarters		Eighths		
Tenths		Fraction Wall		Quantity		
Decimals						

Summer

Year 3 – Fractions Vocabulary Assessment					masterthecurriculum.co.uk
Equivalent Fractions		Cuisenaire/Number rods		Compare fractions (same numerator)	
Compare fractions (same denominator)		Ascending		Descending	
Order Fractions		Halves		Quarters	

Year 3 – Fractions Vocabulary Assessment					masterthecurriculum.co.uk
Equivalent Fractions		Cuisenaire/Number rods		Compare fractions (same numerator)	
Compare fractions (same denominator)		Ascending		Descending	
Order Fractions		Halves		Quarters	

Year 3 – Fractions Vocabulary Assessment					masterthecurriculum.co.uk
Equivalent Fractions		Cuisenaire/Number rods		Compare fractions (same numerator)	
Compare fractions (same denominator)		Ascending		Descending	
Order Fractions		Halves		Quarters	

Year 3 – Fractions Vocabulary Assessment					masterthecurriculum.co.uk
Equivalent Fractions		Cuisenaire/Number rods		Compare fractions (same numerator)	
Compare fractions (same denominator)		Ascending		Descending	
Order Fractions		Halves		Quarters	