

Spring

Decimals Vocabulary

Decimals Year 4

Decimal Number

A **decimal number** is a number that shows a whole and a fractional part of a number.

0.67
Whole fractional part

4.2
Whole fractional part

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Decimals Year 4

Decimal Point

A **decimal point** is a small dot to separate the number from the fractional part.

1.24
1 whole Decimal point A fraction/part


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Decimals Year 4

Hundredths

Hundredths are ten times smaller than tenths.

4.25 ← hundredths



$0.01 = 1$ hundredth

The number after the tenth is a hundredth.

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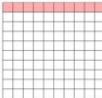
Decimals

Tenths

Tenths are ten times smaller than ones

151.4 ← tenths

The number after the decimal point is a tenth



$0.1 = 1$ tenth

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Decimals Year 4

Place Value Grid/Chart

This is a chart that shows what each digit is worth.

Tens	Ones	Tenths	Hundredths
1	2	2	4
1	2	. 2	4



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Decimals Year 4

Equivalent

Equal to / the same

ten hundredths are **equivalent** to one tenth



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Decimal Number

A **decimal number** is a number that shows a whole and a fractional part of a number.

0.67
 Whole fractional part

4.2
 Whole fractional part

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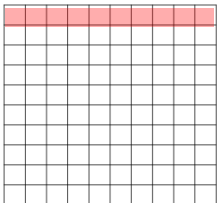
Decimal Point

A **decimal point** is a small dot to separate the whole number from the fractional part.

1.24
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Tenths



0.1 = 1 tenth

Tenths are ten times smaller than ones.

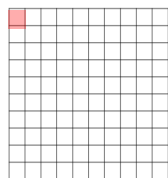
$151.\underline{4}$ ← tenths

The number after the decimal point is a tenth.

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Hundredths

Hundredths are ten times smaller than tenths.



0.01 = 1 hundredth

4. 2 5 ← hundredths

The number after the tenth is a hundredth.

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Place Value Grid/Chart

This is a chart that shows what each digit is worth.

Tens	Ones	Tenths	Hundredths
●	● ●	● ●	● ● ● ●
1	2	.	2
			4

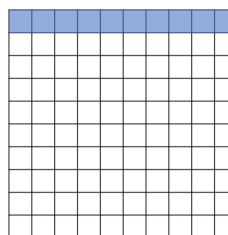
Tens	Ones	Tenths	Hundredths
1	2	2	4

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Equivalent

Equal to / the same value as.

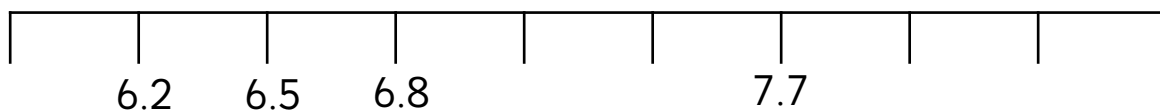
ten hundredths are **equivalent**
to one tenth



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Intervals

All the numbers between two given numbers.



There are 3 tenths
between these numbers.

This number line has **intervals** of 0.3.

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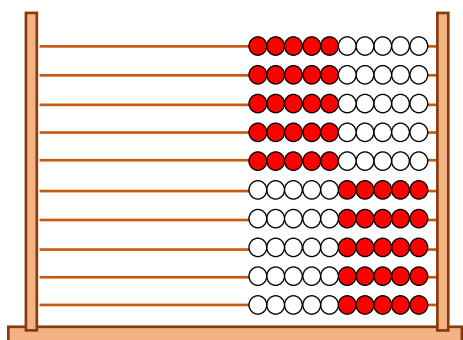
Gattegno Chart

100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9
0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09

A chart to see the
patterns in our
number system.

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Rekenrek



A device that can have 100
beads. It is useful for
understanding hundredths.

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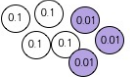
Summer

Decimals Vocabulary

Decimals Year 4

Compare

Looking at the difference between numbers
Is one greater than the other?
Are they equal to each other?
How do you know?




0.43

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Decimals Year 4

Descending

Ordering from greatest to smallest.
The values decrease.



8.75 > 4.27 > 4.22 > 1.59

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Decimals

Order

Putting decimals in a correct place following
The rule could be from greatest to smallest, or
greatest.

2.45 1.54 1.5 0.92

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Decimals Year 4

Inequality Symbols

> = <

Greater than Equal to Less than

These symbols show what way amounts are not equal.


4.23 < 4.32 4.23 is less than 4.32

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Decimals

Ascending

Ordering from smallest to greatest.
The values increase.



1.53 < 4.21 < 4.27 < 8.0

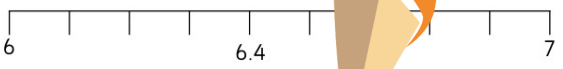
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Decimals Year 4

Rounding

When you decide if a decimal is closer to one whole number or another whole number.

6.4 is closer to 6 than 7 so it is rounded to the number 6.

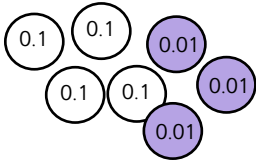


6 6.4 7

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Compare

Looking at the difference between numbers.

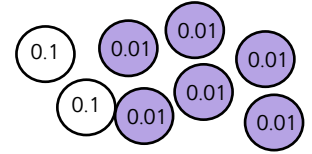


0.43

Is one greater than the other?

Are they equal to each other?

How do you know?



0.26

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Order

Putting decimals in a correct place following a rule.

The rule could be from greatest to smallest, or smallest to greatest.

2.45

1.54

1.5

0.92

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Ascending

Ordering from smallest to greatest.

The values increase.

1.53

<

4.21

<

4.27

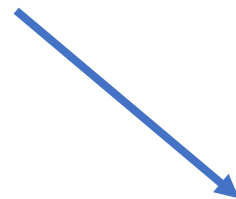
<

8.94

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Descending

Ordering from greatest to smallest.
The values decrease.



$$8.75 > 4.27 > 4.22 > 1.59$$

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Inequality Symbols

>

=

<

Greater than

Equal to

Less than

These symbols show what way amounts are not equal.

$$4.23 < 4.32$$

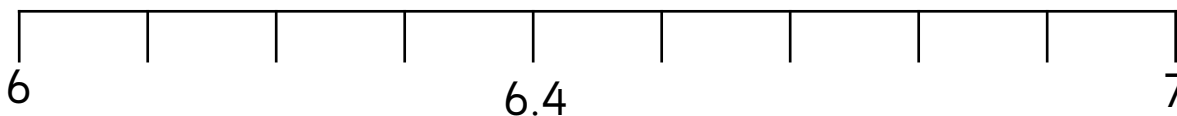
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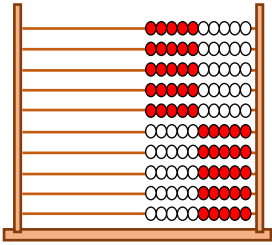


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Halves

Four equal parts.

One half = 0.50 as a decimal.

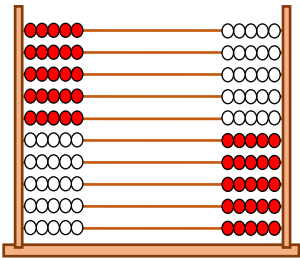


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Quarters

Four equal parts.

One quarter = 0.25 as a decimal.



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↑ ↑ ↑
 Whole Decimal point Fractional part

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Decimals Year 4

Rekenrek

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Decimals Year 4

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Decimals Year 4

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Year 4 – Decimals Vocabulary Assessment					
Decimal Number		Decimal Point		Tenths	
Hundredths		Place Value Chart		Equivalent	
Intervals		Gettango Chart		Rekenrek	
Compare		Order		Ascending	
Descending		Inequality Symbols		Rounding	
Halves		Quarters			

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