

Arithmetic!

Today we are going to look
at decimals!

What is a decimal?

2.7

1.6

8.4

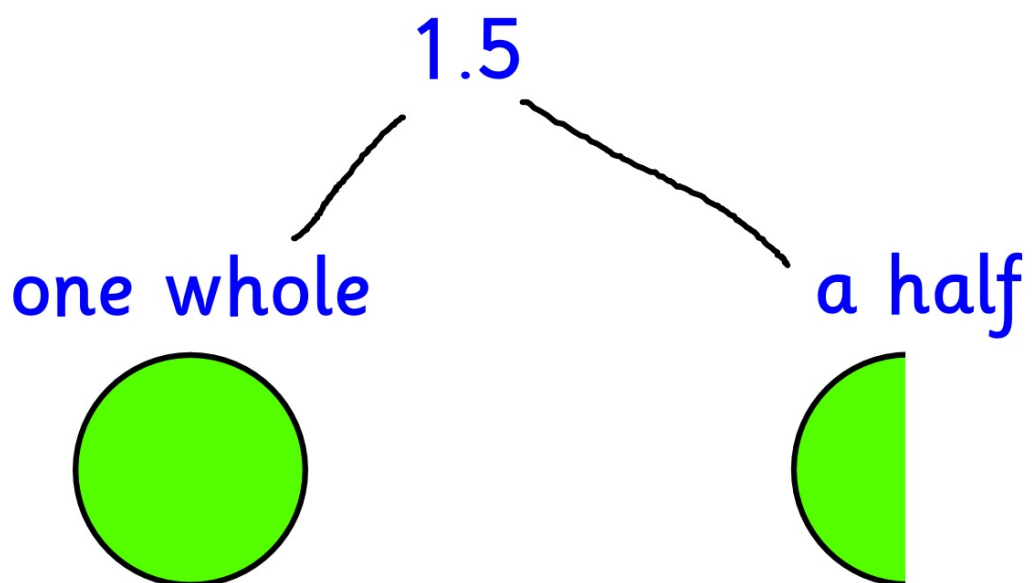
0.5

What do you notice about all of these decimal numbers?



A decimal is when you have a part of a whole.

1 and a half cake would be



The whole number is always first.

1.7

5.8

7.3

The part that is left always goes after the decimal point.







What is the whole number in the decimal 4.6?

Ordering decimals

When you need to put decimal numbers in order, you must always look at the whole number first.

👁️👁️ Watch "ordering decimal number video".

The pupils at Monster High need to line up in height order for their class photo. Put the heights in order. If you need help use a number line.

					
1.1m	2.1m	1.8m	0.9m	0.6m	1.6m

Complete the statements by writing < or > in each box.

$0.6\text{m} \square 1.1\text{m}$

$1.1\text{m} \square 0.9\text{m}$

$1.8\text{m} \square 0.6\text{m}$

$2.1\text{m} \square 1.8\text{m}$

$1.6\text{m} \square 2.1\text{m}$

$0.9\text{m} \square 1.6\text{m}$

Remember the crocodile eats the bigger amount. $3 < 8$

Ordering decimals.

Can you order these in your books
smallest to highest?

Top tip- Cross out each one when you have wrote it down
so that you don't get confused!













1. 2.4, 5, 3.5, 3.2, 7, 6.5, 9.1

2. 8.5, 7.2, 6.5, 7.9, 3.3, 2.7

3. 4.4, 3.5, 2.9, 6, 2, 8.5

Challenge: Find out who is who!

The pupils in Class 3 at Monster High are all different heights.







					
					
1.1m	2.1m	1.9m	0.9m	0.6m	1.6m

Use the clues to work out who's who and write the correct name of each monster in the boxes above. Think about which clues are the most useful starting points.

- Blob is shorter than Grin.
- Grin's height has a 6 in the tenths column.
- Bugz is the tallest.
- Grue is taller than Grin.
- Warp is exactly 1m shorter than Bugz.
- Fuzz is shorter than everyone.

Answers on the next page

The pupils in Class 3 at Monster High are all different heights.

Warp	Bugz	Grue	Blob	Fuzz	Grin
					
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