MANGAHIGH
westermann

PLACE VALUE

The highest place value is the digit to the left in a number.
The position or place of each digit represents a power of ten.

Thousands 1000s	Hundreds 100s	Tens 10s	Ones 1s	Decimal Point	Tenths 1/10	Hundredths 1/100	Thousandths 1/1000
1	9	8	4	.	7	2	3

Whole numbers with a value of 0 or more | **Numbers with a value of less than 1**

SAY THE NUMBERS WITH UNITS

My number reads: seven **and** forty two hundredths

Can you read: 8.53 ?

9 2

Is made up of:
- 9 tens
- 2 ones

9 5 4

Is made up of:
- 9 hundreds
- 5 tens
- 4 ones

5 7 2 3

Is made up of:
- 5 thousands
- 7 hundreds
- 2 tens
- 3 ones

7 . 4 2

Is made up of:
- 7 ones
- 4 tenths
- 2 hundredths

ADDING AND SUBTRACTING BY POWERS OF 10

To increase a number by **one thousand** add one to the thousands digit.
3576 + 1000 = 4576

To increase a number by **one hundred** add one to the hundreds digit.
3576 + 100 = 3676

To increase a number by **ten** add one to the tens digit.
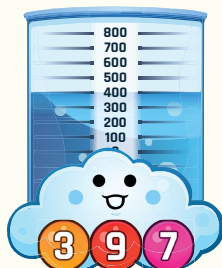3576 + 10 = 3586

3 5 7 6

3 5 7 6

3 5 7 6

To decrease a number by **one thousand** subtract one to the thousands digit.
3576 - 1000 = 2576

To decrease a number by **one hundred** subtract one to the hundreds digit.
3576 - 100 = 3476

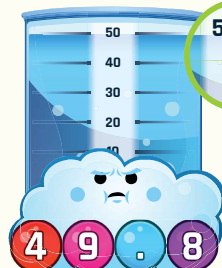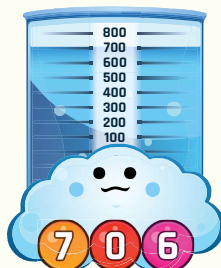To decrease a number by **ten** subtract one to the tens digit.
3576 - 10 = 3566

COMPARING NUMBERS

Compare the largest place value of the two numbers.
Which one is larger?

3 9 7

7 0 6

The higher digit tells you the greater number.
3 is less than 7, so 706 is greater than 397.
If the numbers are equal, then compare the next digit.

4 9 . 8

4 9 . 2

The higher digit tells you the greater number.
If the numbers are equal, then compare the next digit.
49 are equal. So compare the tenths.
8 is larger than 2, so 49.8 is greater.

Practise your PLACE VALUE skills with **LITTLE RAINCLOUD** on mangahigh.com