

Place value

"Dan tidaklah Kami menjadikan bilangan mereka itu melainkan untuk jadi cobaan bagi orang kafir, supaya orang-orang yang diberi Al-Kitab menjadi yakin dan supaya orang yang beriman bertambah imannya, dan supaya orang-orang yang diberi Al-Kitab dan orang Mukmin itu tidak ragu-ragu." (QS Al-Muddatstsir: 31).

Place Value Chart

Billions			Millions			Thousands			Ones			.	Decimals		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones		tenths	hundredths	thousandths
2	2	2	2	2	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	.	<u>2</u>	<u>2</u>	<u>2</u>

Standard form : 2 222 222.222

Partitioning form : 2 000 000 + 200 000 + 20 000 + 2 000 + 200 + 20 + 2 + 0.2 + 0.02 + 0.002

Word form : two millions + two hundred thousands + two ten thousands + two thousands +
hundreds + two tens + two ones + two tenths + two hundredths + two thousandths

Exercise.

- Write the value of the underline digits.
 - 13.89 : _____
 - 5 674.78 : _____
 - 567.987 : _____
 - 207.118 : _____
- Use partitioning to write the missing numbers.
 - 6 765.45 = 6 000 + _____ + _____ + _____ + _____ + _____
 - 987 453 = _____ + 80 000 + _____ + _____ + _____ + _____
- Write the place value of the underline digits.
 - 777.77 : _____
 - 28.314 : _____
 - 67 876 : _____
 - 5 767 898 : _____
- What is the biggest five digit number where no digits are repeated? _____
- What is the smallest 6 digits number with no zeros and no digits are repeated?
