

Master Representing Numbers with 3 Decimal Places

Task 1

Roll a number of ones, tenths, hundredths and thousandths.
Represent the number using place value counters.

Say the stem sentence...

There are ___ ones, ___ tenths, ___ hundredths and
___ thousandths. The number is __ . __ __ __



Task 2

Represent the following numbers using arrow cards
or place value charts.

1.683

9.54

3.271

Task 3

2 sets of counters are positioned on the Gattegno chart.

1		3	4	5	6	7	8	9
	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		0.08	0.09
0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009

The dotted lines
show the positions
they must remain in
when moved.



What numbers can be represented?

Task 4

Represent the following numbers using place value counters
and Gattegno charts.

0.9

7.705

4.032

Task 5

A decimal number is represented using place value counters.



If it has 2 place holders, what can it be? What can't it be?

If it has 3 place holders, what can it be? What can't it be?

Task 6

Take 6 counters and a place value chart.



Represent a decimal number with the counters. Then,
represent the number using a place value chart with digits.
How many different decimal numbers can you represent?

