FLUENCY 1

Use the stem sentence to describe the number shown on the Gattegno chart.

There are _____ millions, _____ hundred thousands, _____ ten thousands, _____ thousands, _____ hundreds, _____ tens and _____ ones.

The number is __ million, _____ and _____ _____ thousand, _____ hundred and _____ _____.

1,000,000	2,000,000	3,⬤00	4,000,000	5,000,000	6,000,000	7,000,000	8,000,000	9,000,000
100,000	200,000	300,000	400,000	5⬤0	600,000	700,000	800,000	900,000
10,000	⬤	30,000	40,000	50,000	60,000	70,000	80,000	90,000
1,000	2,000	3,000	⬤	5,000	6,000	7,000	8,000	9,000
100	200	300	400	500	600	700	800	⬤
10	20	30	40	50	⬤	70	80	90
1	2	3	4	5	6	⬤	8	9

Now, place 6 counters of your own on the chart and write out the number in words.

Next, place 5 counters on the chart and write the new number in words. How will the stem sentence change?

FLUENCY TASKS

FLUENCY 2

Partition these numbers using part-whole models.

W

P   P
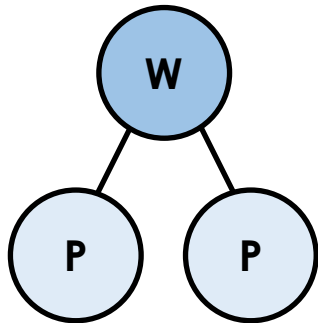
Nine million, two hundred and twelve thousand and thirty two.

Three million, three hundred and fifty thousand, four hundred and seventy.

Seven million, six hundred and one thousand, five hundred and five.

FLUENCY 3

Write these numbers in numerical form.

Seven million, one hundred and twenty-two thousand, five hundred and eight.

Nine million, two hundred and fifty-five thousand, four hundred and seventy six.

Eight hundred and eight thousand, six hundred and six.

Three million, Twenty-three thousand and two.

FLUENCY TASKS

FLUENCY 4

Using number sentences, partition this number in <u>three</u> different ways.

<div style="text-align:center">

6,390,571

</div>
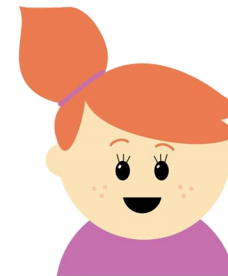
FLUENCY 5

Write the value of each odd digit in the number using the stem sentence below.

<div style="text-align:center">

1,459,674

</div>

The value of the digit _____ is _____.

FLUENCY 6

Millie is describing her number.

> **My number has 456 hundreds and 67 ones.**

Can you write it in numerals and words?

FLUENCY TASKS

REASONING TASKS

REASONING 1

4,509,425
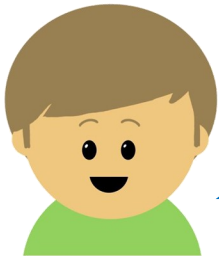
The number is four million, five hundred and nine, four hundred and twenty-five.

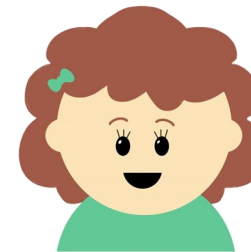**Is Jerry correct? Explain why!**
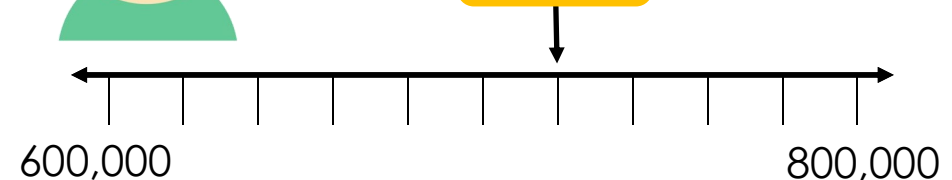
REASONING 2

Spot the Mistake!

8,502,567 + 4,000 = 8,542,567

REASONING 3

Darcey thinks she has placed the number correctly on the number line.

699,999

600,000   800,000

Do you agree? Explain your reasoning.
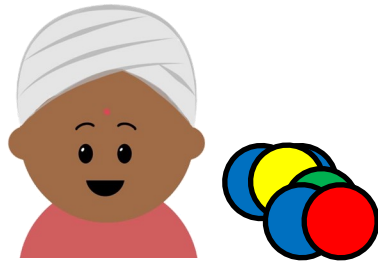
REASONING 4

Always, Sometimes or Never?

When using a Gattegno chart to represent 7-digit numbers, numbers which are larger will need more counters than numbers that are smaller.
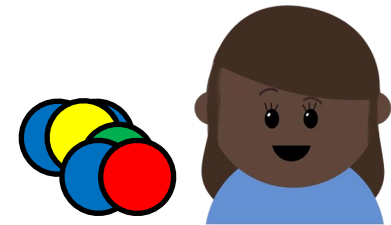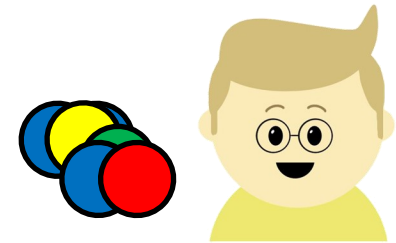
PROBLEM SOLVING TASKS

PROBLEM SOLVING 1

Three children are representing 7-digit numbers.

Ranjit has 24 counters.

Alfie has 38 counters.

Anita has 7 less counters than Alfie.

In each of their place value charts, the numbers repeat in the same pattern but with different values like this…

M	HTH	TTH	TH	H	T	O
▲	■	▲	■	▲	■	▲

What numbers could the children be representing?