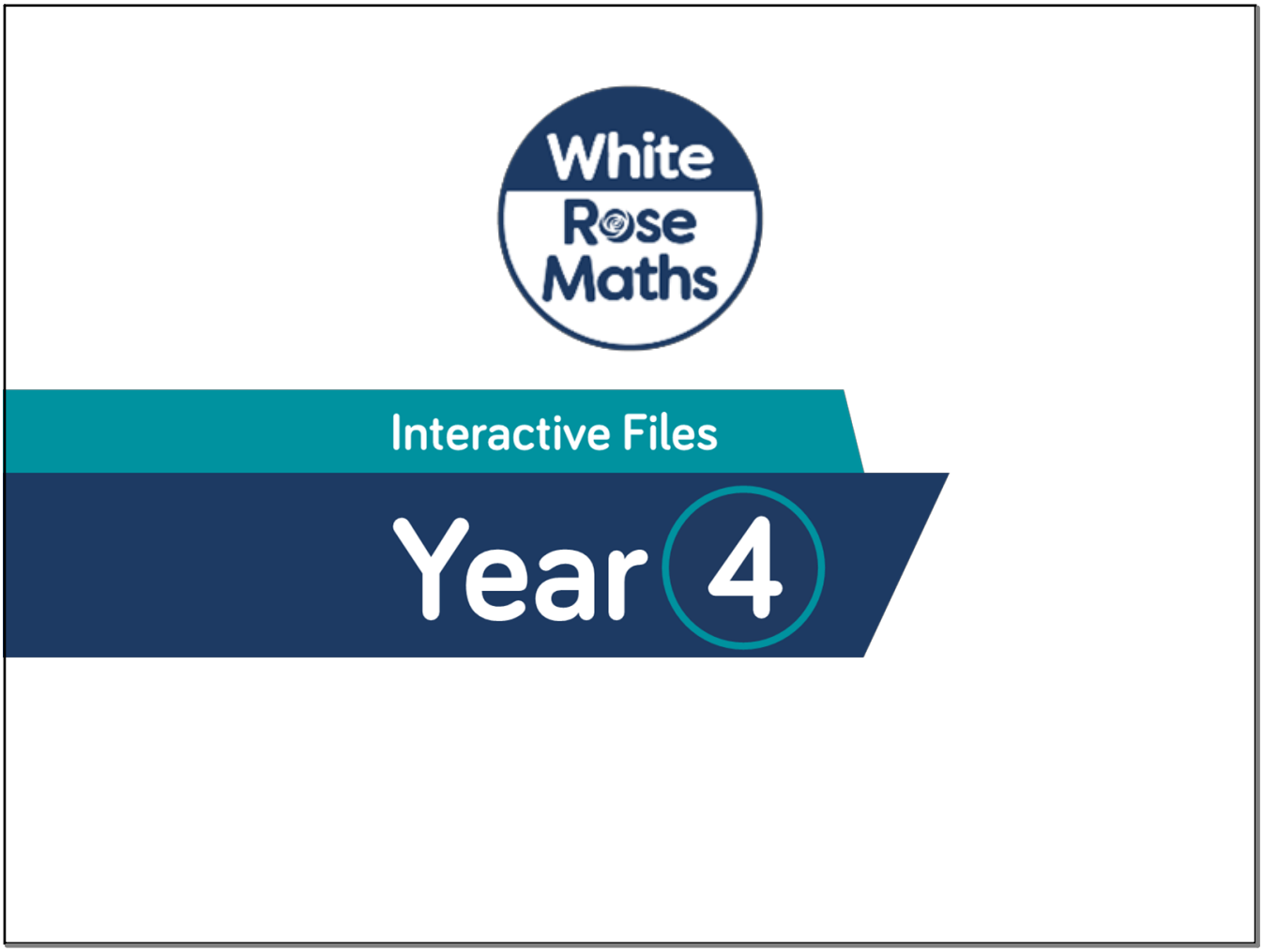


Jul 10-11:17 am

20.11.20

LO: To solve problems.

Success Steps

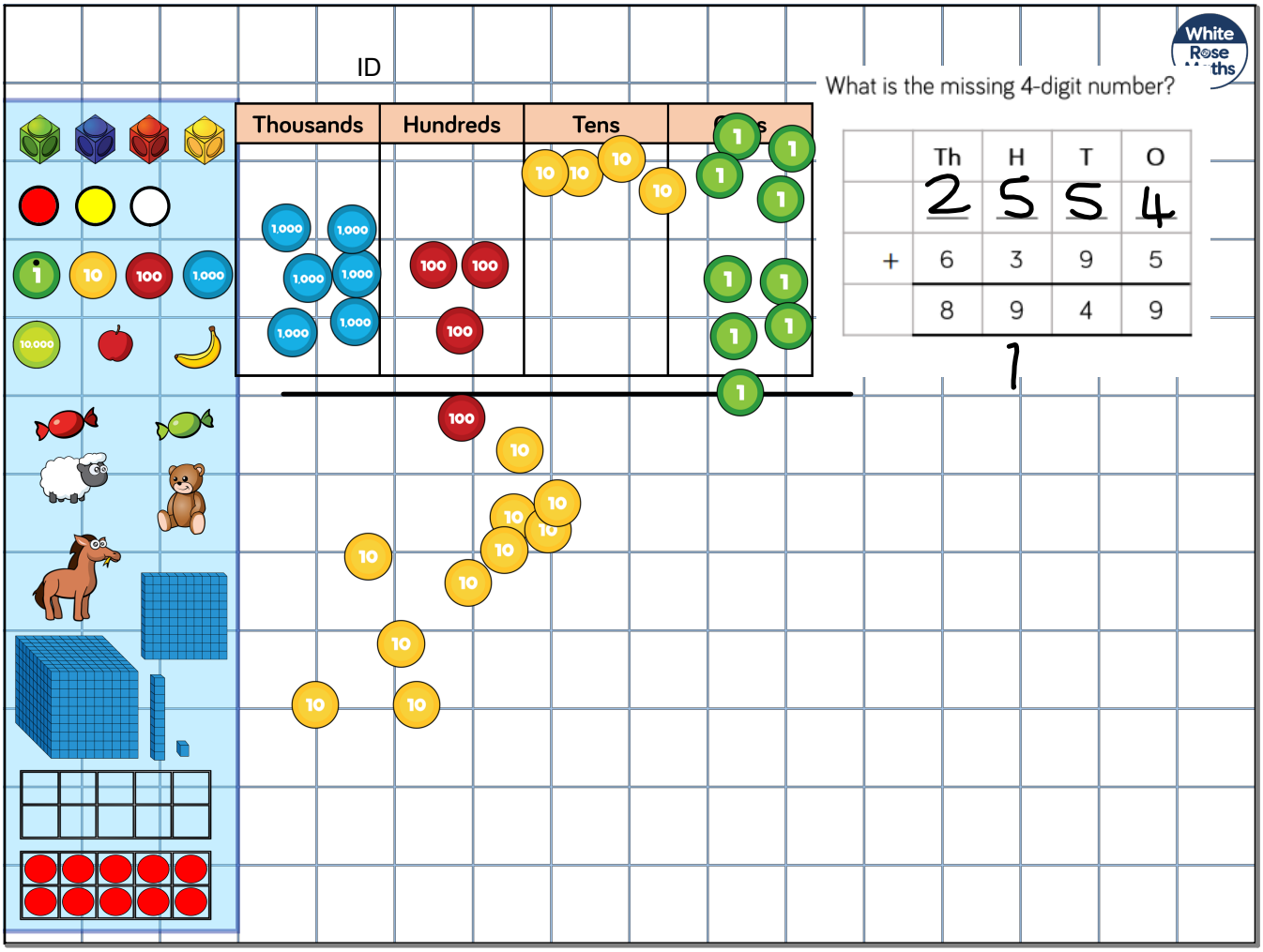
Read the problem carefully.

Underline the important parts so you know what to do.

Use concrete resources and a place value grid to support understanding.

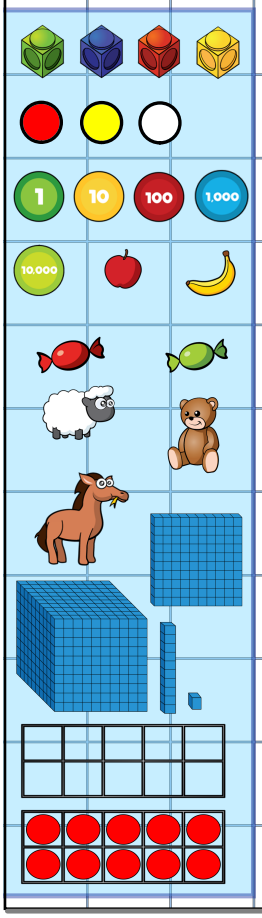
Use the column method to add two 4-digit numbers.

Oct 14-21:42



Jul 10-11:19 am

WD



Thousands	Hundreds	Tens	Ones

Jack says,

When I add two numbers together I will only ever make up to one exchange in each column.

Do you agree?
Explain your reasoning.

Use <, > or = to make the statements correct.

4245
3,456 + 789 < 1,810 + 2,436 4246

4730
2,829 + 1,901 = 2,312 + 2,418 4730

9400
7,542 + 1,858 > 902 + 8,496 9398

YD

2424
2020
4444
1

$$\begin{array}{r} 2222 \\ +\,2222 \\ \hline 4444 \end{array}$$

Rosie adds 2 numbers together that total 4,444



Both numbers have 4 digits.

All the digits in both numbers are even.

What could the numbers be?
Prove it.
How many ways can you find?

Oct 14-21:46

Annie, Mo and Alex are working out the solution to the calculation 6,374 + 2,823

Annie's Strategy

6,000 + 2,000 = 8,000
300 + 800 = 110
70 + 20 = 90
4 + 3 = 7
8,000 + 110 + 90 + 7 = 8,207

Mo's Strategy

	6	3	7	4
+	2	8	2	3
	8	1	9	7

1

Alex's Strategy

	6	3	7	4
+	2	8	2	3
				7
			9	0
	1	1	0	0
	8	0	0	0
	9	1	9	7

Who is correct?

	6	3	7	4
+	2	8	2	3
	9	1	9	7

1

Complete:

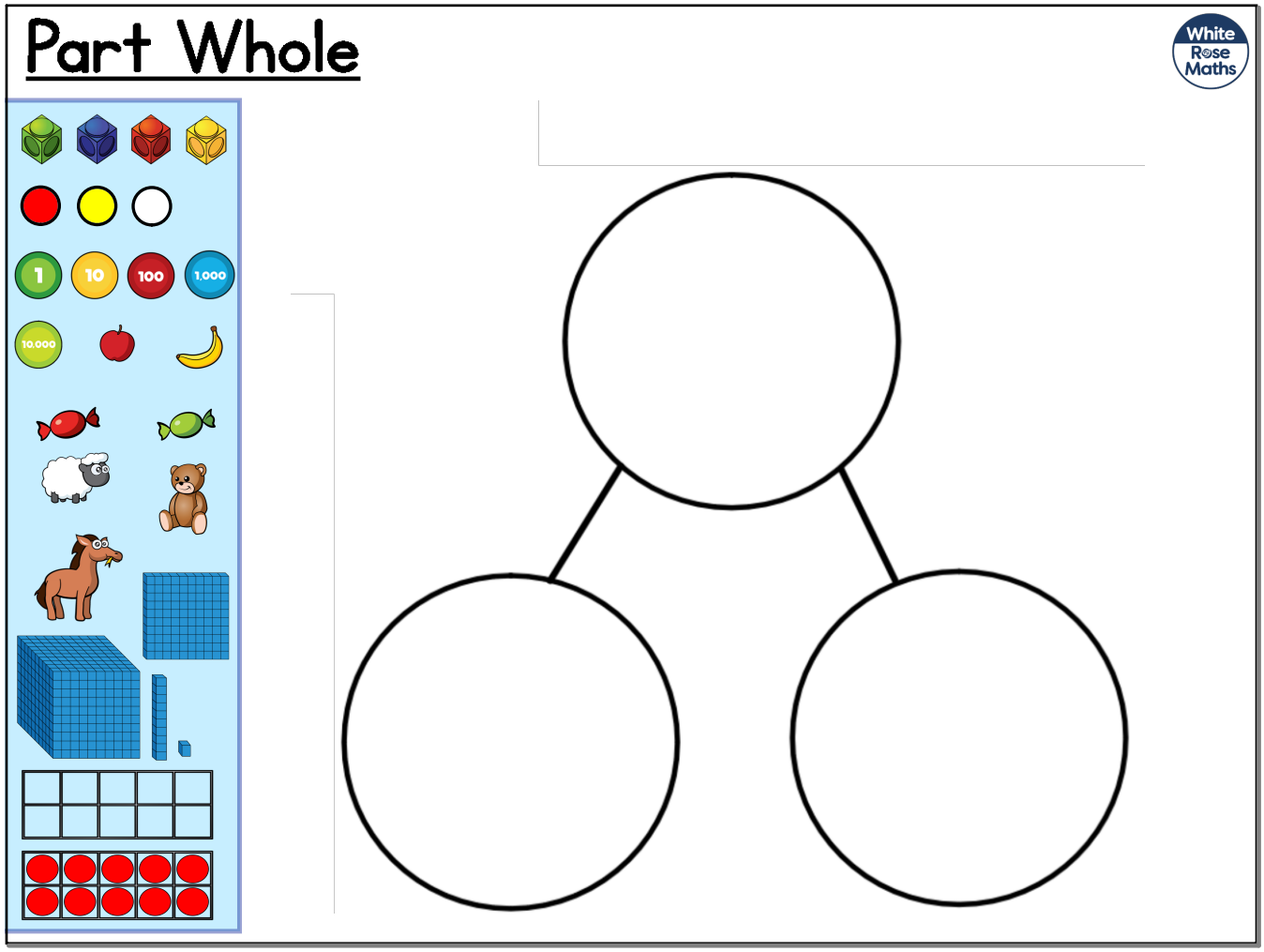
	Th	H	T	O
	6	?	3	8
+	3	?	8	?
	9	3	2	5

1 1

Mo says that there is more than one possible answer for the missing numbers in the hundreds column.
Is he correct?
Explain your answer.

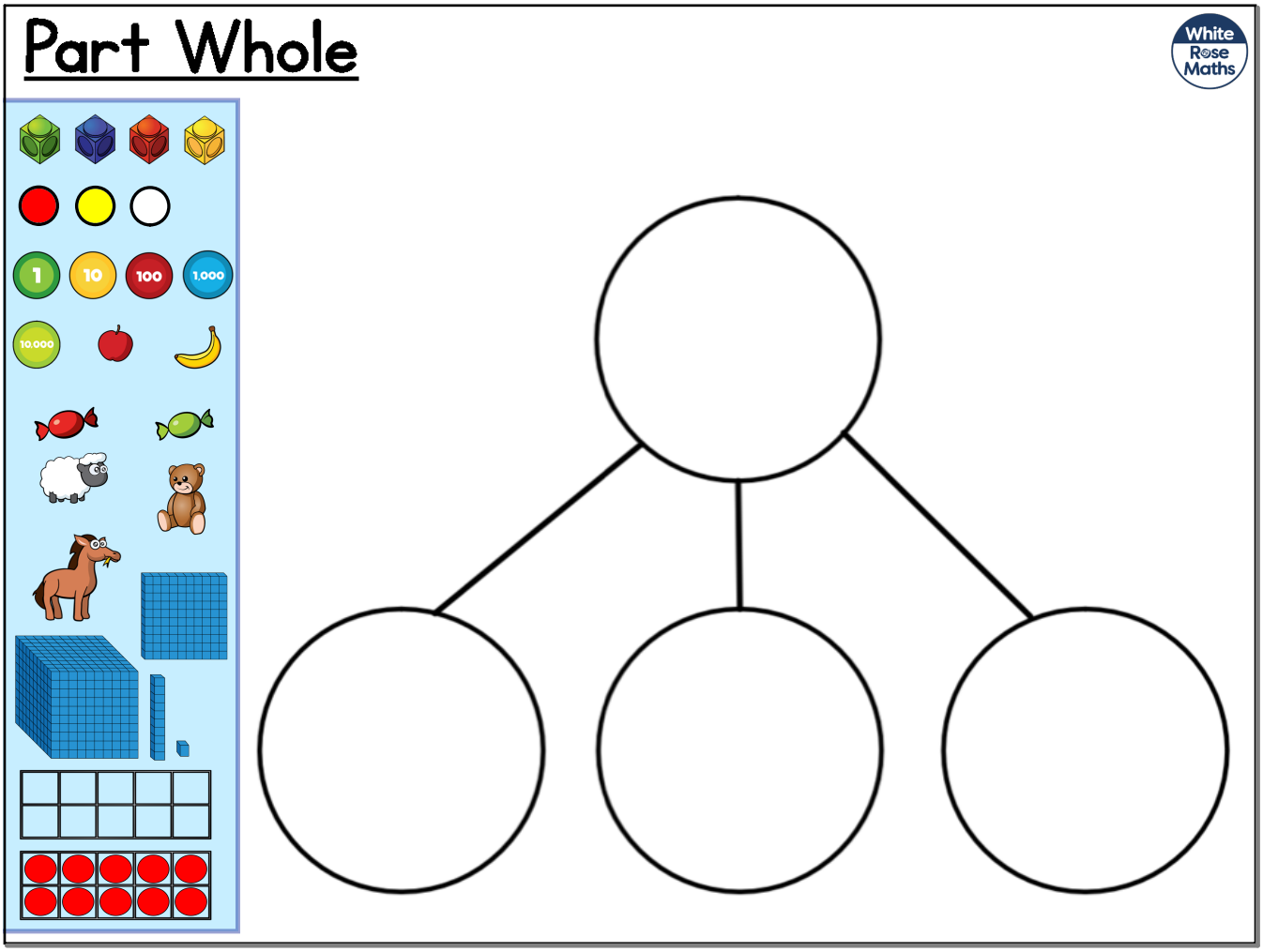
Oct 14-21:46

Part Whole



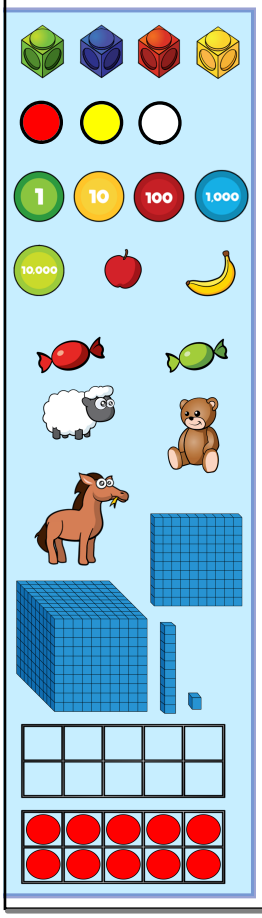
Jul 10-11:19 am

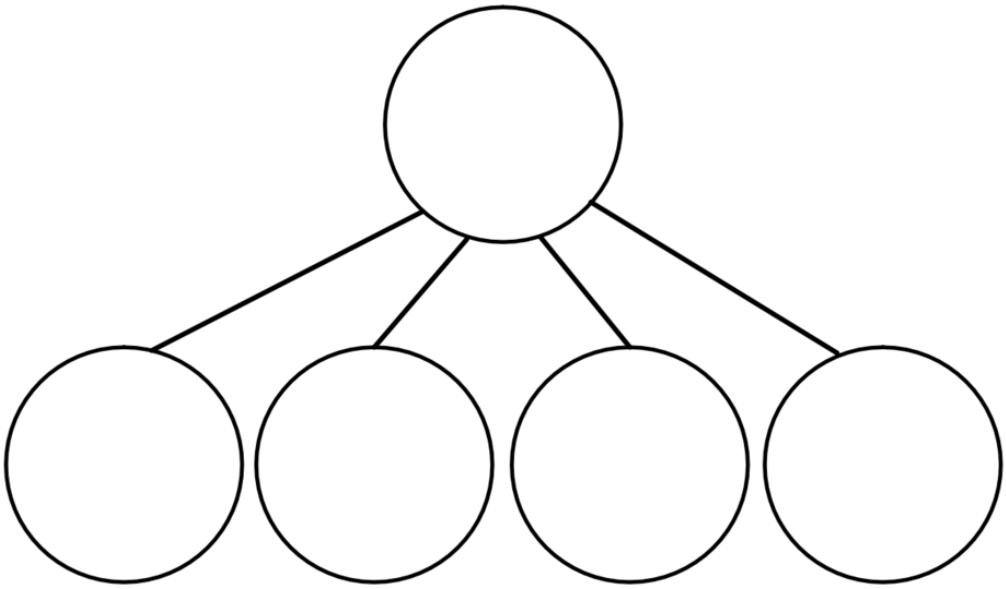
Part Whole



Jul 10-11:19 am

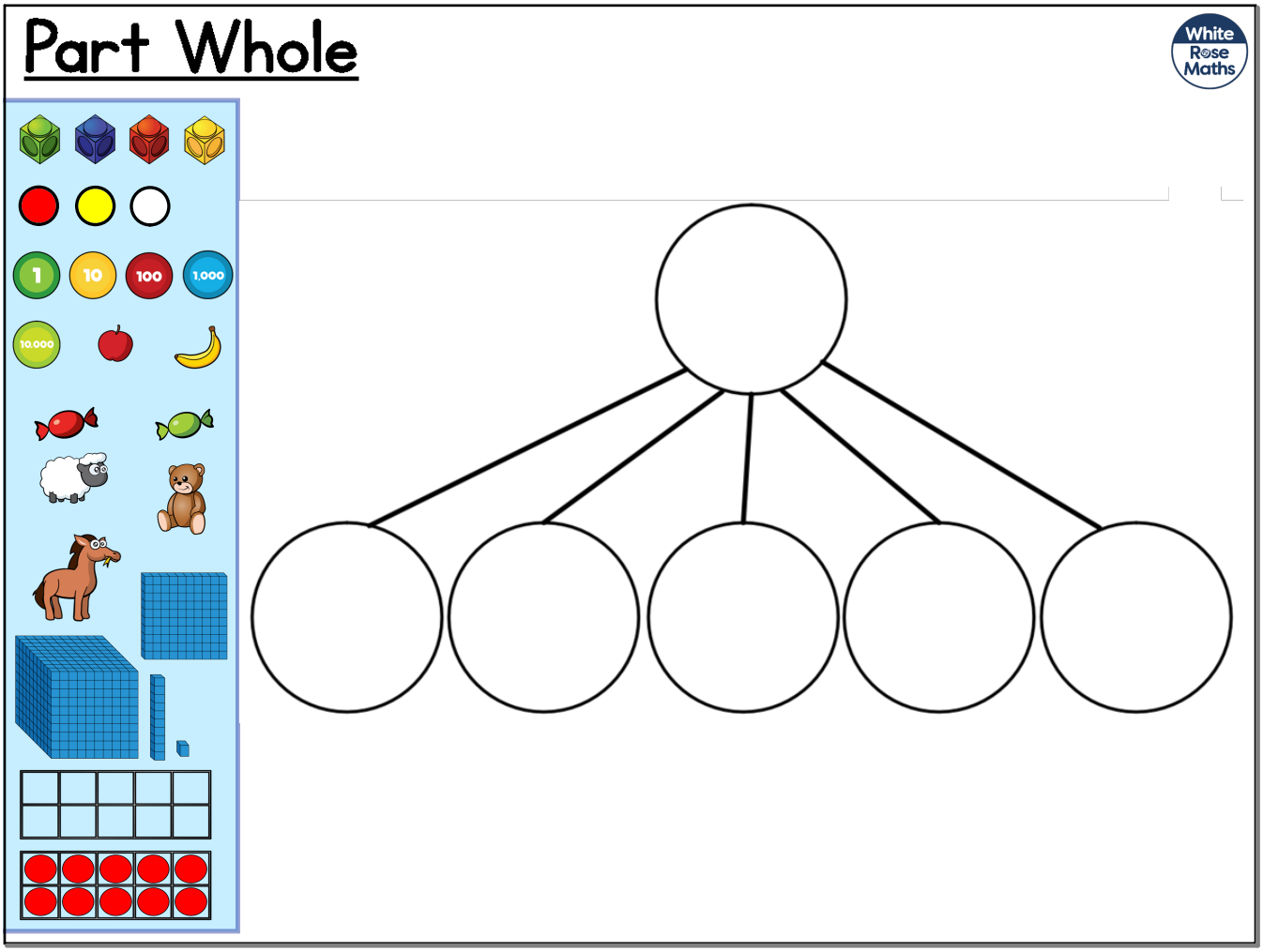
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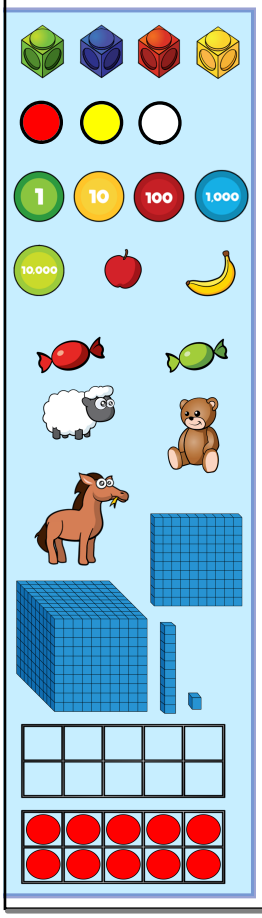
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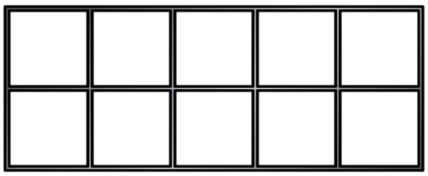
Part Whole



Jul 10-11:19 am

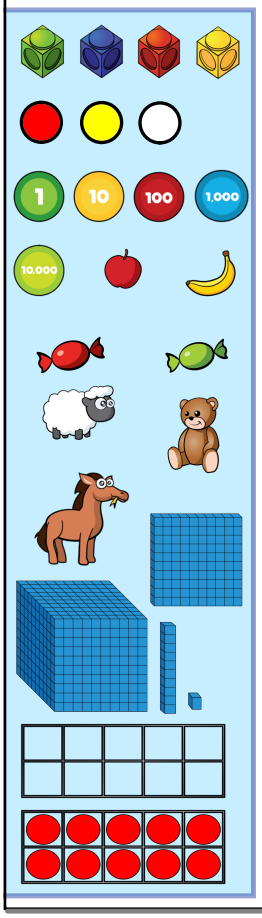
Ten Frame





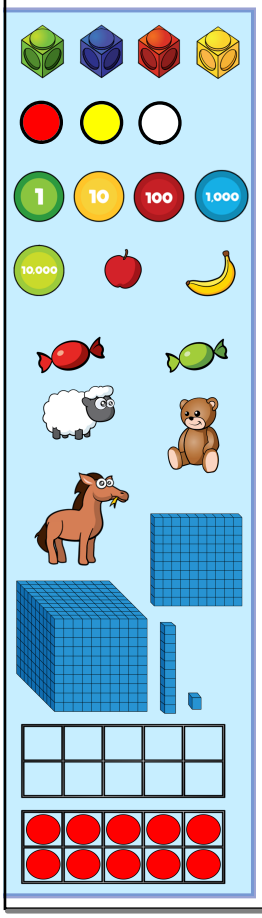
Jul 10-11:19 am

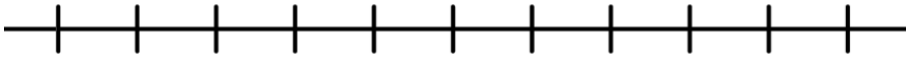
Make a Number



Jul 10-11:19 am

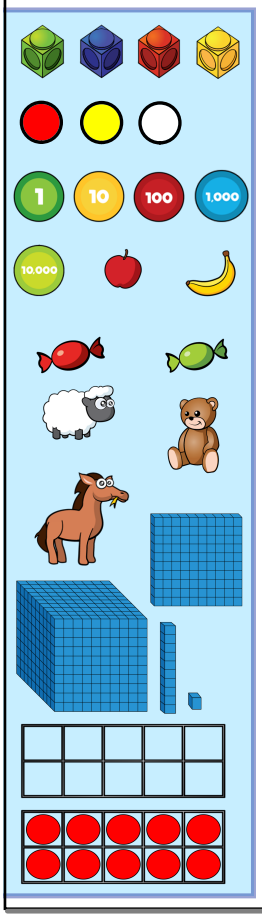
Number Line

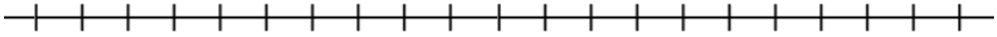




Jul 10-11:19 am

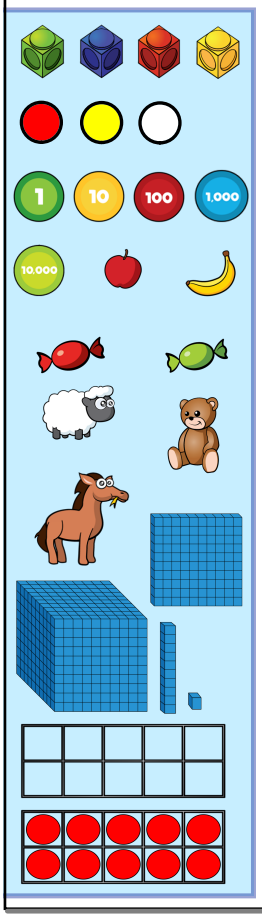
Number Line





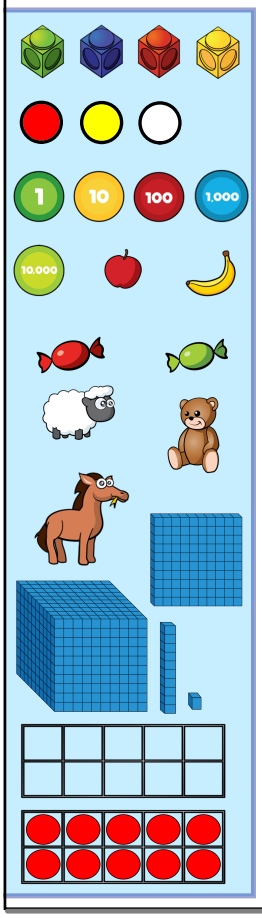
Jul 10-11:19 am

Place Value Grid



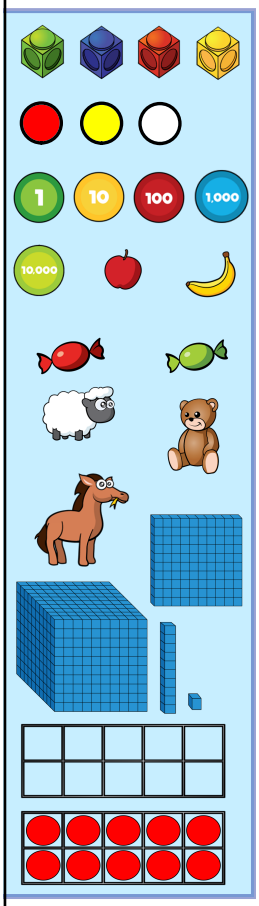
Ten Thousands	Thousands	Hundreds	Tens	Ones

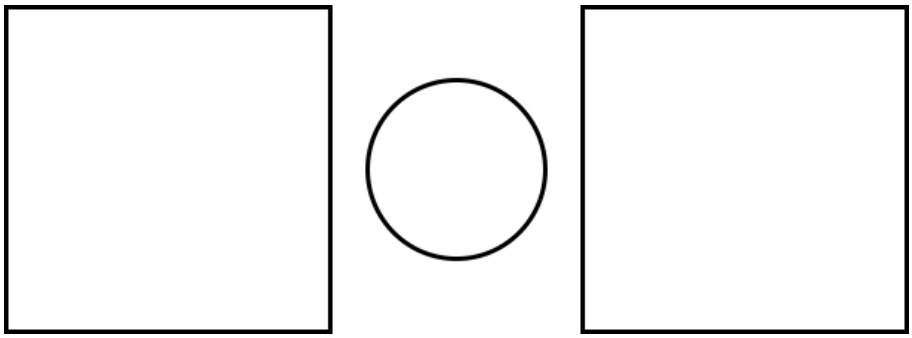
Place Value Grid



Thousands			Ones		
H	T	O	H	T	O

Compare





<	>	=
less than	greater than	equal to



Gattegno Chart



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

Jul 11-10:21 am