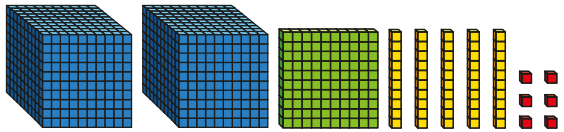
Partition numbers to 10,000

1 Complete the number sentences.

a)



2,156 = 2,000 + ☐ + ☐ + ☐

b)

3,421 = ☐ + ☐ + ☐ + ☐

c)

Th	H	T	O
1,000 1,000 1,000 1,000	100 100	10 10 10 10 10 10 10 10	1 1 1 1 1

4,285 = ☐ + ☐ + ☐ + ☐

2 Complete the number sentences.

a)

Th	H	T	O
1,000 1,000 1,000 1,000 1,000	100 100 100		1 1 1 1 1 1 1 1

5,308 = ☐ + ☐ + ☐

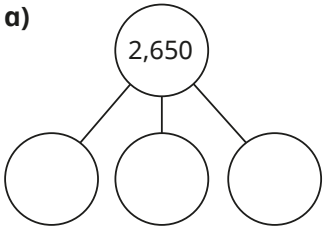
b)

Th	H	T	O
● ● ● ● ● ●	●	● ●	

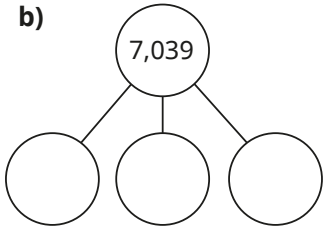
☐ = ☐ + ☐ + ☐

3 Complete the part-whole models.

a)



b)



4 Complete the number sentences.

a) 2,348 is equal to 2 thousands, ☐ hundreds, ☐ tens and ☐ ones.

b) 5,072 is equal to ☐ thousands, ☐ hundreds, ☐ tens and ☐ ones.

c) 9,108 is equal to ☐ thousands, ☐ hundred, ☐ tens and ☐ ones.

d) ☐ is equal to 6 thousands, 3 hundreds, 5 tens and 5 ones.

e) ☐ is equal to 2 thousands, 7 hundreds and 6 tens.

f) ☐ is equal to 8 thousands and 2 ones.

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Partition numbers to 10,000

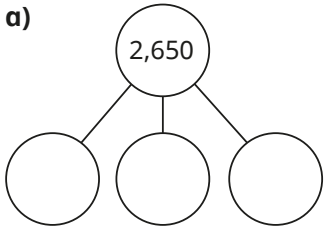
b)

Th	H	T	O
● ● ● ● ● ●	●	● ●	

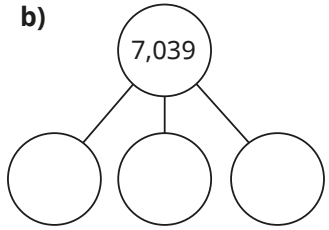
☐ = ☐ + ☐ + ☐

3 Complete the part-whole models.

a)



b)



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b) 5,072 is equal to ☐ thousands, ☐ hundreds, ☐ tens and ☐ ones.

c) 9,108 is equal to ☐ thousands, ☐ hundred, ☐ tens and ☐ ones.

d) ☐ is equal to 6 thousands, 3 hundreds, 5 tens and 5 ones.

e) ☐ is equal to 2 thousands, 7 hundreds and 6 tens.

f) ☐ is equal to 8 thousands and 2 ones.

5 Draw counters to complete the number 8,294

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

Complete the sentence. 8,294 = ☐ + ☐ + ☐ + ☐

6 A number is represented on the Gattegno chart.

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

Ron takes one of the counters off the Gattegno chart.

What numbers could Ron have made?

7 Alex has four digit cards.

1	2	3	6

a) She makes a 4-digit number.

The digit in the thousands column is double the size of the digit in the tens column.

What numbers could Alex have made?

b) Next, Alex uses all the digit cards to make an even number.

What numbers could Alex have made?

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