Partitioning

1 Complete the number sentences.

a)

$2{,}156 = 2{,}000 + \boxed{} + \boxed{} + \boxed{}$

b)

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

$5{,}308 = \boxed{} + \boxed{} + \boxed{}$

c)

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

$\boxed{} = \boxed{} + \boxed{} + \boxed{}$

2 Complete the number sentences.
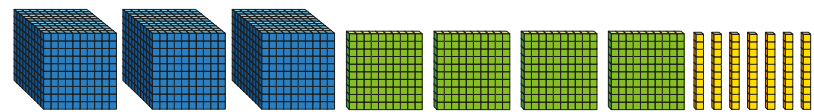
$3{,}472 = 3{,}000 + \boxed{} + \boxed{} + \boxed{}$

$3{,}472 = 2{,}000 + \boxed{} + \boxed{} + \boxed{}$

$3{,}472 = 1{,}000 + \boxed{} + \boxed{} + \boxed{}$

3 Complete the part-whole models.

a) 2,650

b) 7,039
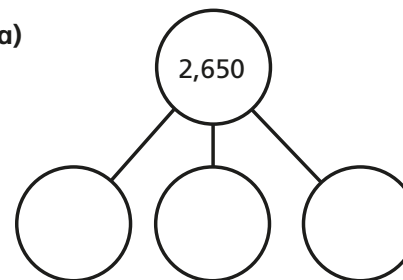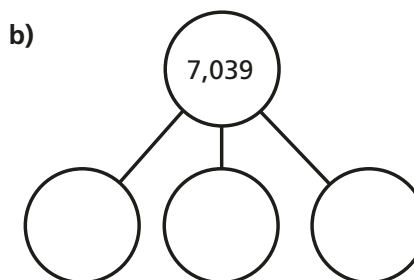
4 Complete the sentences.

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

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

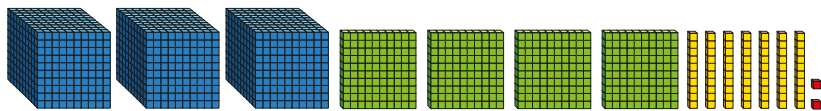c) ⬚ is equal to 2 thousands, 7 hundreds and 6 tens.

d) ⬚ is equal to 8 thousands and 2 ones.

e) 54 ones is equal to ⬚ tens and ⬚ ones.

f) 28 tens is equal to ⬚ tens and ⬚ ones.
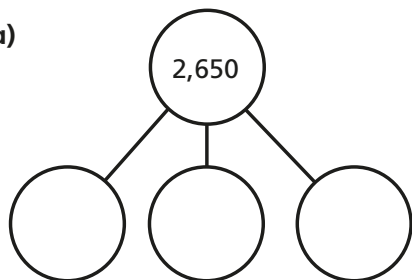
2 Complete the number sentences.

$3{,}472 = 3{,}000 + \boxed{} + \boxed{} + \boxed{}$

$3{,}472 = 2{,}000 + \boxed{} + \boxed{} + \boxed{}$

$3{,}472 = 1{,}000 + \boxed{} + \boxed{} + \boxed{}$

3 Complete the part-whole models.

a)

2,650

b)

7,039
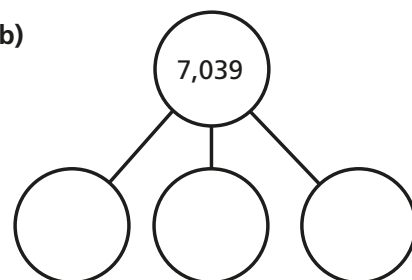
4 Complete the sentences.

a) 2,348 is equal to 2 thousands, $\boxed{}$ hundreds, $\boxed{}$ tens and $\boxed{}$ ones.

b) 5,072 is equal to $\boxed{}$ thousands, $\boxed{}$ hundreds, $\boxed{}$ tens and $\boxed{}$ ones.

c) $\boxed{}$ is equal to 2 thousands, 7 hundreds and 6 tens.

d) $\boxed{}$ is equal to 8 thousands and 2 ones.

e) 54 ones is equal to $\boxed{}$ tens and $\boxed{}$ ones.

f) 28 tens is equal to $\boxed{}$ tens and $\boxed{}$ ones.

5 Complete the number sentences.

a) $2{,}909 = 2{,}000 + 900 + \boxed{}$

$2{,}909 = 2{,}900 + \boxed{}$

$2{,}909 = 1{,}000 + 900 + \boxed{}$

b) $7{,}156 = 7{,}000 + 100 + \boxed{}$

$7{,}156 = 56 + \boxed{}$

$7{,}156 = 6 + \boxed{}$

6 Explain why 20 hundreds is equal to 2,000

7 Alex has 4 digit cards.

| 1 | 2 | 7 | 9 |

She makes a 4-digit number.

Her number has 7 thousands and 1 ten.

What numbers could Alex have made?

8 Jack has some number cards.

A	B	C	D
46 hundreds	4,000 + 600	3 thousands and 16 hundreds	460 ones

a) Which number card is not equal to the others?

b) Write another number card that is equal to Card B.