

* 1.1. Numbers

Pablo has these digit cards.

He makes three-digit numbers with the cards.

Write down all the numbers he could make.



Remember

Whole numbers from 1000 to 9999 have four digits.
The position of a digit in a number gives its value.

Th	H	T	U
9	8	4	3

Read as nine thousand, eight hundred and forty three.

Write each number in words.

a) 2345	b) 3030	c) 2901
d) 7777	e) 2816	f) 9109

Write these numbers in figures.

- a) nine thousand and nine
b) four thousand and forty

What is the value of 4 in these numbers?

a) 6423	b) 4623	c) 3409
d) 9040	e) 1234	f) 4321

Look and learn

◆ Digit: 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9 are digits.

◆ Expanded form:

$$4567 = 4000 + 500 + 60 + 7$$

◆ Partition: breaking up a number into its parts.

◆ Place value: the value of a digit determined by its position.

In 830, the 3 has a value of 3 tens (30).

H	T	U
8	3	0

◆ Thousand: is a four-digit number that is 10 times larger than a hundred.

Th	H	T	U
1	0	0	0

Write the missing numbers.

Hint: these numbers are written in expanded form, in thousands, hundreds, tens and units.

$$6742 = 6000 + 700 + \boxed{} + 2$$

$$6359 = \boxed{} + \boxed{} + \boxed{} + \boxed{}$$

$$5419 = 5000 + \boxed{} + \boxed{} + \boxed{}$$

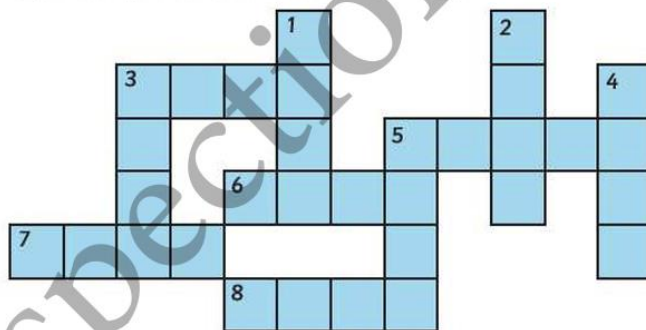
$$3278 = \boxed{} + \boxed{} + \boxed{} + \boxed{}$$

$$1234 = \boxed{} + \boxed{} + \boxed{} + 4$$

$$3507 = \boxed{} + \boxed{} + \boxed{} + \boxed{}$$

Complete the cross-number puzzle.

Then make a puzzle for someone else to try.



Across

- 3) nine thousand, nine hundred
- 5) ten thousand
- 6) six thousand, four hundred and thirty-nine
- 7) one thousand, three hundred and forty-eight
- 8) nine thousand, one hundred and nineteen

Down

- 1) seven thousand and four
- 2) six thousand, one hundred and nine
- 3) nine thousand and sixty-four
- 4) six thousand and fifty-eight
- 5) one thousand, nine hundred and nine



Maria writes a number. It has the digit 4 in the hundreds place and the digit 2 in the units place.

Which of these numbers could Maria have written?

5426 4652 4265 5462

Find the missing numbers.

3000 is one hundred less than \rightarrow

5000 is one hundred more than \rightarrow

6500 is one thousand more than \rightarrow

980 is one hundred less than \rightarrow

Write the number that is 1 more than 9999.

Solve these number riddles.

- (a) I have four digits.
I am more than 2500.
I am less than 3000.
My hundreds digit is 6.
My tens digit is one less than my hundreds digit.
My units digit is 0.

What number am I?

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- (b) I have four digits.
My units digit and my hundreds digit are the same.
I am less than 9000.
I am greater than 8000.
My tens digit is 4.
My hundreds digit is two more than my tens digit.

What number am I?

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