

# answers

In each puzzle, work out which number from the grid is being described.

## Puzzle 1 (31.01)

My number is not an integer.

My number has a 1 in the units column

My number is greater than thirty

My number is  $\neq$  31.3

My number has 1 in the hundredths column

1.01	301	31.1
3.1	3.101	31.3
30.1	<b>31.01</b>	1.03

## Puzzle 2 (180.8)

My number is less than eighteen thousand

My number is  $\neq$  180

My number is  $>$  18

My number has 8 in both the tens and tenths columns

180	18.01	1.81
0.18	1800	188
<b>180.8</b>	18180	18.8

## Puzzle 3 (0.2)

My number is  $\leq$  0.2

My number is  $\neq$  0.15

My number is greater than one tenth

My number has no hundredths

0.24	<b>0.2</b>	0.12
0.02	0.01	0.5
0.15	2.02	0.1

## Puzzle 4 (15,501)

My number is  $<$  44,000

My number is more than five thousand four hundred and fifty

My number is  $\neq$  5454

My number has 5 hundreds

My number is greater than fifteen thousand

14,500	<b>15,501</b>	45000
5401	5444	5454
14,534	4544	10,500

## Puzzle 5

What is the largest number that can be made by rearranging these cards?



## Puzzle 6

What is the **smallest** number that can be made by rearranging these cards?



## Puzzle 7

What is three thousand four hundred and six in figures? **3406**

## Puzzle 8

Write 1 million and eighty three in figures.

**1,000,083**

## Puzzle 9

Complete these statements using the symbols =, >, <

=, >, <

0.40	=	0.400
0.35	>	0.300
0.2	<	0.25
1.5	>	1.05
1.8	=	1.80
0.01	<	0.1
0.99	<	0.999

# answers 2

## Puzzle 10

Write down a number between 1.23 and 1.24

e.g. 1.235

## Puzzle 11

Put these numbers in order of size,  
from smallest to largest

0.04, 0.104, 0.4, 1.4, 4.4

## Puzzle 12

Write down the value of the figure 7  
in the number 5768

7 hundred

## Puzzle 13

What is the next number in this sequence?

0.2

0.24

0.28

0.32

## Puzzle 14

What is the next number in this sequence?

0.16

0.13

0.1

0.07

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Complete the missing numbers on these number lines:

