Name: _____   Date: _____

Year 6 Reasoning Quiz 1

Reading and Writing Numbers up to 10 000 000
10, 100 and 1000 More or Less Than a Number

1. Write the number that is 100 less than one million.

   _____

2. Write the number in words that is 30 less than 300 000.

   _____

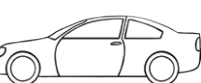3. 678 is 200 less than what number?

   _____

4. Write in words the number that is half of one million and ten.

   _____

Order and Compare Numbers

5. Put these cars in order of price, starting with the lowest price. One has been done for you.

A	B	C	D	E
£31,750	£30,570	£3,900	£37,150	£31,900

                    B

   _____   _____   _____   _____   _____

6. Order the following numbers from smallest to largest.

11.1	1.01	1.1	10.1	10.11

Place Value

7. In the number 178 390.82

   a) Which digit is in the ten thousands place?_____

   b) Which digit is in the hundredths place?_____

8. In the number 217 361.05

   a) Which digit is in the hundreds place?_____

   b) Which digit is in the tenths place?_____

Roman Numerals

9. Here is a number written in Roman numerals.   DCCIX

   Write the number in figures. _____

10. Write the year 2017 in Roman numerals.

    _____

Rounding

11. Round 263 874

   a) to the nearest 10 000 _____

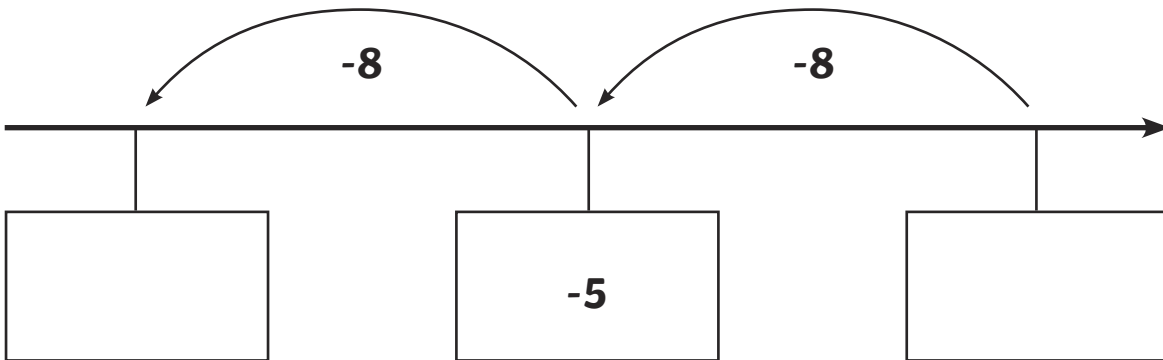   b) to the nearest 1 000 _____

   c) to the nearest 100 _____

Negative Numbers

12. What number is 12 more than -7? _____

13. Here is part of a number line.

   Write the missing numbers in the boxes.

14. The temperate outside is -4ºC and inside is 15ºC. What is the difference in temperature between the outside and inside?

   _____

END OF TEST

1 999 900

2 two hundred and ninety-nine thousand, nine hundred and seventy

3 878

4 five hundred thousand and five

5 C B A E D

6 1.01
1.1
10.1
10.11
11.1

7 a) 7

b) 2

8 a) 3

b) 0

9 709

10 MMXVII

11 a) 260 000

b) 264 000

c) 263 900

12 5

13 -13 and 3

14 19ºC