

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.

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

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3. 678 is 200 less than what number?

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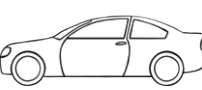

4. Write in words the number that is half of one million and ten.

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### Order and Compare Numbers

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

<p>A</p>  <p>£31,750</p>	<p>B</p>  <p>£30,570</p>	<p>C</p>  <p>£3,900</p>	<p>D</p>  <p>£37,150</p>	<p>E</p>  <p>£31,900</p>
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**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 \_\_\_\_\_

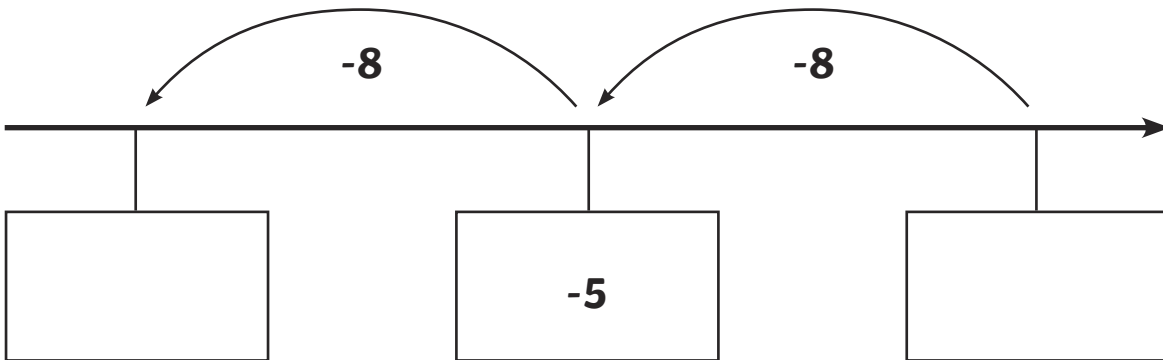
c) to the nearest 100 \_\_\_\_\_

## 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 temperature outside is  $-4^{\circ}\text{C}$  and inside is  $15^{\circ}\text{C}$ . 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** 19°C