

8300

GCSE MATHEMATICS

Foundation tier – Questions by Topic

Number

Understanding and ordering integers

v1.0

Name _____

Materials

For this paper you must have:

- Mathematical instruments

Information

- The marks for questions are shown in brackets
- You must not use a calculator



Advice

- In all calculations, show clearly how you work out your answer

Q1.

These cards show the number 4763.



- (a) Write the number 4763 in words.

(1)

- (b) What is the smallest number you can make using **all** four cards?

Four empty rounded rectangular boxes are arranged horizontally, intended for the student to write the digits of the smallest number possible.

(1)

- (c) What is the largest **even** number you can make using **all** four cards?

Four empty rounded rectangular boxes are arranged horizontally, intended for the student to write the digits of the largest even number possible.

(2)

- (d) Write the number 4763 to the nearest 1000.

(1)

(Total 5 marks)

Q2.

Here are four number cards.



- (a) Write the number 6217 in words.

(1)

- (b) Write the number 6217 to the nearest 10.

(1)

- (c) Use all **four** cards to show the smallest possible number.

Four empty rounded rectangular boxes are arranged horizontally, intended for the student to write the digits of the smallest possible number.

(1)

- (d) Use all **four** cards to show a number with a value as close to 4000 as possible.

Four empty rounded rectangular boxes are arranged horizontally, intended for the student to write the digits of a number close to 4000.

(1)

(Total 4 marks)

Q3.

Here is a set of four number cards.



The cards show the number 5472.

(a) Write down the number 5472 in words.

(1)

(b) Write down the smallest number you can make using all four cards.

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Answer

(1)

(c) Write down the largest **odd** number you can make using all four cards.

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Answer

(2)

(d) Write the number 5472 to the nearest hundred.

(1)

(Total 5 marks)

Q4.

Here are four number cards.



(a) Write the number 5247 in words.

(1)

(b) Write the number 5247 to the nearest hundred.

(1)

(c) What is the largest number you can make using all four cards?

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(1)

(d) What is the smallest **even** number you can make using all four cards?

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(2)

(Total 5 marks)

Q5.

Here are four cards.



- (a) Write down the value of the digit 5 in the number 5348 (1)
- (b) Write the number 5348 to the nearest hundred. (1)
- (c) What is the largest number you can make using all four cards? (1)
- (d) What is the smallest **odd** number you can make using all four cards? (1)
- (Total 4 marks)**

Q6.

Here is a list of numbers.

255 431 293 388 107 205

- (a) Which is the largest number? Circle your answer.
255 431 293 388 107 205 (1)
- (b) Which is the even number? Circle your answer.
255 431 293 388 107 205 (1)
- (c) Use two of the numbers to make a correct addition.
_____ + _____ = 400 (1)
- (d) Use two of the numbers to make a correct subtraction.
_____ - _____ = 50 (1)
- (Total 4 marks)**