

ORDERING DECIMALS

GRADE 1

Examination practice questions

You should have:

A ruler, protractor, compasses, a pen, pencil, eraser, calculator.
For some questions, you may need tracing paper.

Instructions

- Use **black** ink or ball-point pen.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- **Calculators may be used.**

Information

- The marks for each question are shown in brackets.
- If the number of marks for two similar questions isn't the same, this is likely due to them being modelled on different specifications. In this case, it is worth considering both mark schemes.
- Use the number of marks for each question as a guide as to how much time to spend on each question. As a rough guide, you can multiply the number of marks by 1.2 to see how many minutes you should spend on a question.
- Questions will generally get more challenging as the document progresses. Some of the latter questions will go beyond the core grade level for this topic.

Advice

- Read each question carefully before you start to answer it.
- Don't forget to have fun.
- Check your answers at the end.

GENERAL MARKING STRUCTURE:

M1 TWO VALUES IN CORRECT ORDER

A1 ALL VALUES IN CORRECT ORDER

Q1.

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Write the following numbers in order of size.
Start with the smallest number.

3.25, 3.2, 3.05, 3.205

~~3.250~~
~~3.200~~
~~3.050~~
3.205

3.05, 3.2, 3.205, 3.25

(2 marks)

Q2.

AtoZrevision.com

Write the following numbers in order of size.
Start with the smallest number.

0.52, 0.2, 0.25, 0.205

~~0.520~~
~~0.200~~
0.250
~~0.205~~

0.2, 0.205, 0.25, 0.52

(2 marks)

Q3.

AtoZrevision.com

Write the following numbers in order of size.
Start with the smallest number.

1.073, 1.37, 1.307, 1.703

~~1.073~~
1.370
~~1.307~~
1.703

1.073, 1.307, 1.370, 1.703

(2 marks)

Q4.

AtoZrevision.com

Write the following numbers in order of size. Start with the smallest number.

0.63, 0.633, 0.603, 0.6, 0.06

0.630
0.633
0.603
~~0.600~~
~~0.006~~

0.06, 0.6, 0.603, 0.63,
0.633

(2 marks)

Q5.

AtoZrevision.com

Write the following numbers in order of size.
Start with the smallest number.

7.47, 7.6, 7.04, 7.58, 7.69

~~7.470~~
7.600
~~7.040~~
7.580
~~7.690~~

7.04, 7.47, 7.58, 7.6, 7.69

(2 marks)

Q6.

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Write the following numbers in order of size.
Start with the smallest number.

0.306, 0.63, 0.3, 0.068

0.306
0.630
~~0.300~~
~~0.068~~

0.068, 0.3, 0.306, 0.63

(2 marks)

Q7.

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Starting with the largest number, write the following values in order of size: 2.08, 2.13, 2.7, 2.0034, 2.111

~~2.0800~~
2.1300
2.7000
~~2.0034~~
2.1110

2.0034, 2.08, 2.111, 2.13, 2.7

(2 marks)

Q8.

AtoZrevision.com

Starting with the largest number, write the following values in order of size: 0.529, 0.54, 0.51, 0.502

0.529
0.540
~~0.510~~
~~0.502~~

0.502, 0.51, 0.529, 0.54

(2 marks)

Q9.

AtoZrevision.com

Write the following numbers in order of size.
Start with the smallest number.

0.56, 0.067, 0.6, 0.65, 0.605

~~0.560~~
~~0.067~~
 0.600
 0.650
 0.605

~~0.067, 0.56, 0.6, 0.605,~~
 0.65 (2 marks)

Q10.

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Write these amounts of money in **order of size**, starting with the **smallest** amount.

£5.40 £0.65 72p £10 £2.88

5.40
~~0.65~~
~~0.72~~
 10.00
 2.88

~~£0.65, 72p, £2.88, £5.40,~~
 £10. (2 marks)

Q11.

AtoZrevision.com

Write these numbers in order of size.
Start with the smallest number.

0.14 0.35 0.4 0.07 0.306

~~0.140~~
 0.350
 0.400
~~0.007~~
~~0.306~~

~~0.07, 0.14, 0.306, 0.35,~~
 0.4 (2 marks)

Q12.

AtoZrevision.com

Write these numbers in order of size.
Start with the smallest number.

2.803

2.008

2.081

2.83

2.8

2.803

~~2.008~~~~2.081~~

2.830

2.800

2.008, 2.081, 2.8, 2.803,

2.83 (2 marks)

Q13.

AtoZrevision.com

Write these numbers in order of size.
Start with the smallest number.

0.7

0.072

0.72

0.703

0.007

0.700

~~0.072~~

0.720

0.703

~~0.007~~

0.07, 0.072, 0.7,

0.703, 0.72 (2 marks)

Q14.

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State the smallest and largest values from this list of numbers.

3.2

3.082

3.01

3.004

3.10

3.200

3.082

3.010

3.004

3.100

SMALLEST

LARGEST

3.004

3.2

(2 marks)