Exams Style Questions

Ordering Numbers

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser
You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don’t spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

Secondary

Video 95
Video 208
Video 221

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1. In each list, put the numbers in order starting with the smallest.

(a) 172  217  72  198  273

..............................................................................................................

(b)  3  -8  5  -4  1

..............................................................................................................

(c)  9  7.5  11.1  8  6.8

..............................................................................................................

2. Shown below are the heights of five hills.

Altmor  e  538m
Heathmount  551m
Slemish  499m
Donard  542m
Cley Hill  517m

List the hills in order of size, starting with the smallest.

..............................................................................................................

(1)
3. Arrange these numbers in order of size, starting with the smallest.

   one billion
   half a million
   six hundred and ten thousand
   ninety seven thousand
   two million

   smallest......................................................................................
   ......................................................................................
   ......................................................................................
   ......................................................................................
   ......................................................................................
   largest......................................................................................

4. (a) Write these numbers in order of size.
   Start with the largest number.

   348   79   384   403   198

   .............................................................................................................

(b) Write these numbers in order of size.
   Start with the largest number.

   9  -5  1  -13  12

   .............................................................................................................

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5. Shown below are the temperatures recorded over four days.

<table>
<thead>
<tr>
<th></th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>−3°C</td>
<td>−1°C</td>
<td>−6°C</td>
<td>0°C</td>
</tr>
</tbody>
</table>

(a) On what day was the lowest temperature recorded?

.................................................................
(1)

(b) Arrange the temperatures in order, starting with the lowest.

.............................................................................................................
(1)

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

   (a) 9, −4, −7, 2, −5

.............................................................................................................
(1)

   (b) 0.4, 0.15, 0.08, 0.3, 0.55

.............................................................................................................
(2)
7. Put these numbers in order of size starting with the smallest.

9303 8481 8999 999 1011

.............................................................................................................

(1)

8. The table shows the points scored in a competition.

<table>
<thead>
<tr>
<th>Ireland</th>
<th>Wales</th>
<th>Scotland</th>
<th>England</th>
</tr>
</thead>
<tbody>
<tr>
<td>9223</td>
<td>8029</td>
<td>9301</td>
<td>8803</td>
</tr>
</tbody>
</table>

(a) Put the points scored in order, starting with the lowest.

.................................................. .................................................. .................................................. ..................................................

(1)

(b) Find the difference in points scored between the highest and lowest amounts.

..................................................

(2)
9. (a) Write the following numbers in order of size.
Start with the smallest number.

0.42  0.4  0.415  0.48  0.469

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

0.08  0.25  0.81  0.2  0.68

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

0.507  0.75  0.5  0.078