Exam Style Questions

Ordering Decimals

Corbettmαths

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

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Video 95

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

           0.42   0.4   0.415   0.48   0.469

           ....

                                                                                                    (1)

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

           0.08   0.25   0.81   0.2   0.68

           ....

                                                                                                    (1)

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

           0.507   0.75   0.5   0.078

           ....

                                                                                                    (1)

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

14.2   0.93   1.2   5.01

....

(1)

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

0.92   0.901   0.99   0.099   0.909

....

(1)

5.   Write these decimals in order, largest first.

0.7   0.609   0.62

....

(1)

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

            4.2   0.42   0.024   0.93   0.039

      ....
                                                                                                    (1)

7.   Put the correct inequality sign in each box.
      The first box has been completed for you.

            5.1   [<]   5.3

            0.4   [   ]   0.14

            0.653 [   ]   0.7

            0.1   [   ]   0.09

                                                                                                    (3)

8.   Five boys take part in a long jump competition.
      The distances jumped were:

            4.31m   4.08m   4.1m   4.093m   4.51m

      (a) Write down the distance of the longest jump

                                                                              ....
                                                                                                    (1)

      (b) Put the jumps in order, starting with the shortest.

      ....
                                                                                                    (1)

9.

The heights of 7 children are shown below.

132cm   1.2m   98cm   0.99m   116cm   1.4m   1.33m

(a) Change 132cm into metres.

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

(b) Change 98cm into metres.

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

(c) Order the heights, starting with the shortest.

....
(1)

(d) Work out the median.

....
(1)

Children over 1 metre may go on a ride at a funfair.

(e) How many of the children, may not go on the ride.

....
(1)