

Name:

Exam Style Questions

## Ordering Decimals



Equipment needed: Calculator, pen

### Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

Video 95



Answers and Video Solutions



1. Circle the smallest number.



0.21      0.3      0.24      0.207

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(1)

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



14.2      0.93      1.2      5.01

.....  
(1)

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



3.05      0.35      3.5      0.53

.....  
(1)

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



0.7                  0.09                  0.269                  0.47                  0.9

.....  
(1)

5. (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)

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



0.507      0.75      0.5      0.078

..... (1)

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



0.92      0.901      0.99      0.099      0.909

..... (1)

8. Write these decimals in order, largest first.



0.7      0.609      0.62

..... (1)

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



4.2      0.42      0.024      0.93      0.039

.....  
(1)

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



5.1	<input checked="" type="checkbox"/>	5.3
0.4	<input type="checkbox"/>	0.14
0.653	<input type="checkbox"/>	0.7
0.1	<input type="checkbox"/>	0.09

(3)

11. Put these decimals in order of size, starting with the smallest.



8.056      8.4      8.56      8.456

.....  
(1)

12. 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)

- 
13. Georgia puts up a new shelf that can hold up to 5kg



She has 6 textbooks that weigh:

1.1kg      1.08kg      1.25kg      1kg      1.6kg      1.304kg

Georgia places the three heaviest books on the shelf.

Can the shelf also support a photo frame weighing 0.9kg?  
Show your working out.

.....  
(3)

14. 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)**

(f) What fraction of the children can go on the ride?

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