

Arithmetic

1. $8 \times 7 \times 2$

2. $\frac{4}{9}$ of 45

3. $10.2 - 3.7$

4. $5,712 \div 8$

Practice: Order and Compare Decimals

5. Recap: Define the terms

ascending order

descending order

6. Use $>$, $<$ or $=$ to compare the numbers.

$5.65 \square 6.56 \square 6.65 \square 5.56$

7. Use $>$, $<$ or $=$ to compare the numbers.

$\frac{25}{100} \square 0.23 \square \frac{2}{10} \square 0.3$

8. Put these in ascending order.

$3.6 \quad 3.06 \quad 3.66 \quad 3.63$

9. Put these in ascending order.

$4.5 \quad 4.54 \quad 4.045 \quad 4.504$

10. Explain how to compare and order fractions with different numbers of decimal places.



11. Put these in descending order.

$9.19 \quad 9.1 \quad 9.09 \quad 9.9$

12. Put these in descending order.

$2.69 \quad 2.096 \quad 2.6 \quad 2.609$

13. Naveed has ordered these decimal numbers in ascending order.

2.2, 2.31, 2.59, 2.001, 2.174

Is Naveed correct? Explain.



Challenge

14. Complete these number sentences in as many ways as possible.

$$\begin{array}{ccccccc} \square & . & \square & \square & > & \square & .05 & \square \\ \square & .41 & \square & > & \square & . & \square & \square \end{array}$$

You might want
to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	$8 \times 7 \times 2$	112
2	$\frac{4}{9}$ of 45	20
3	$10.2 - 3.7$	6.5
4	$5,712 \div 8$	714
5	Define the terms ascending order descending order	Ascending order means starting an ordered set of numbers with the smallest number. Each number will increase in value. Descending order means starting with the largest number and decreasing in value with each number in the order.
6	Use $>$, $<$ or $=$ to compare the numbers.	$<$ and $<$ and $>$
7	Use $>$, $<$ or $=$ to compare the numbers.	$>$ and $>$ and $<$
8	Put these in ascending order.	3.06, 3.6, 3.63, 3.66
9	Put these in ascending order.	4.045, 4.5, 4.504, 4.54
10	Explain how to compare and order fractions with different numbers of decimal places.	Some pupils will find it easier to make all the numbers they are comparing have the same number of decimal places by adding place holders (zeros). Pupils should understand that they need to compare numbers starting by comparing the highest value column first.
11	Put these in descending order.	9.9, 9.19, 9.1, 9.09
12	Put these in descending order.	2.69, 2.609, 2.6, 2.096
13	Is Naveed correct? Explain.	Naveed is incorrect. He has imagined that the digits are not decimals and ordered them accordingly. The correct order is: 2.001, 2.174, 2.2, 2.31, 2.59
14	Complete these number sentences in as many ways as possible.	Accept answers that satisfy the number sentence. Examples: $9.21 > 0.052$ $1.52 > 0.051$ $3.412 < 4.004$ $8.419 < 9.99$