## ORDERING QUANTITIES BY MAGNITUDE

- Ordering quantities means arranging the numbers in the ascending or the descending order.
- Arranging the numbers in the ascending order means arranging them in the small to big
- Arranging the numbers in the descending order means arranging them from big to small
- The less than symbol is < and the greater than symbol is>

Examples from past papers:

| 1 | Write in order of size, smallest first, $\frac{5}{98}, \quad 0.049, \quad 5 \%$ <br> Answer $\qquad$ $\qquad$ $\qquad$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| MS-1 | 0.049 < 5\% < 5/98 o.e. | 2 | M1 for figs $51 \ldots$ seen after $0, \mathrm{SC} 1$ for 2 correct entries | 2 |

Explaining question number 1:
Note: Convert all the given numbers in their decimal form and then compare the numbers. Then arrange them from small to big in the decimal form[ As they have mentioned the words ' smallest first'] .But while writing the final answer, write the numbers in the original form.
$\frac{5}{98}=0.051$
0.0469

5\%= 0.05
The required answer is:
$0.0469<0.05<0.051$
Rewriting in the original form we get;
$0.049<5 \%<\frac{5}{98}$

## IGCSE PAST PAPER QUESTIONS:




| 3 | Write the following in order of size, smallest first. |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |

## IGCSE PAST PAPER QUESTIONS:



## MORE PRACTISE QUESTIONS AVAILABLE IN THE TOPIC WISE PAST PAPER SECTION UNDER ACENDING AND DESCENDING ORDER.



