## LEARNDNG OUTCOMES

## Level 4

> Sort numbers based on their values

Level 5

- Give an example of where each skill would be needed


## Level 6

Calculate numerical answers using BIDMASS

| 43 <br> Each set of integers on this page are out of order. Sort them in ascending order <br> in the spaces. |
| :--- |
| (1) $744,190,655,468,588,811$ (1) $3,239,-2,048,6,788,-5,662,-8,303,-4,543$ |
| (2) $975,851,884,842,310,406$ (2) $-4,404,-3,503,2,501,-1,432,5,904,-1,149$ |
| (3) $119,243,491,421,206,730$ (3) $-2,896,-3,241,-1,936,-9,435,-893,4,735$ <br> (4) $901,559,941,890,541,153$ (4) $-8,687,-4,555,6,024,-2.319,3.836 .6 .883$ <br> (5) $413,777,288,567,645,190$ (5) $7,465,4,357,-3,837,-3,222,-8,412,1,090$ |



- Give an example of an everyday situation where you would use each of these symbols

WHICH SYMBOL IS MISSNIG?


## EOUALS IS THE MOST IMPORTANT SYMBOL IN PHYSICS

- It can only be used when two things are definitely completely equal!
- If two things are almost equal then they are not equal!


## WHAT'S THE ANSWER?

1) $5+99 \div 11$

Is it 14 ? Or is it 9.45 ?

## USING MATH IN PHYSICS

- Order of operations
-BIDMAS
BIDMAS STANDS FOR...
- Brackets
- Indices (Don't worry about this one for now)
-Division
- Multiplication
- Addition
-Subtraction


## SHOWING YOUR WORIIING

- Its important to show allsteps in a Physics calculation
- Set your work out like this:

$$
\begin{aligned}
& 5+99 \div 11 \\
= & 5+9 \\
= & 14
\end{aligned}
$$

| 1) $5+99 \div 11$ | 1) $85 \div 5+3$ | 1) $19+6 \div(-3)$ |
| :--- | :--- | :--- |
| 2) $7 \times 6-4$ | 2) $42-27 \times 5$ | 2) $10 \times(-2)-8$ |
| 3) $30 \div 5-2$ | 3) $6 \times 2+1$ | 3) $-2 \times 8-14$ |
| 4) $10+3 \times 6$ | 4) $70 \div 10-12$ | 4) $45 \div 9+2$ |
| 5) $9 \times 3+8$ | 5) $73-9 \times 7$ | 5) $54-16 \div 4$ |

4
5
6

