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| Button/ | How to get there | What is does |
| x10x |  | Puts your answer to the power of 10, use for m, μ, k etc |
| ENG |  | Puts your answer to the power of 10 to a value that can be converted to a prefix, keep clicking the Eng to move up powers of 3 or shift Eng to move down |
| S↔D |  | Toggles between leaving your answer as a fraction or decimal |
| DEG |  | WHAT YOUR CALCULATOR MUST BE IN WHEN DOING PHYSICS USED FOR TRIG |
| RAD/Grad |  | DON’T LET YOUR CALCULATOR BE IN EITHER OF THESE |
| calculate |  | To work out a sum rather than statistics, the default setting |
| Input/output | Shift /set up 1 | This decides if you want to use the MathIO (recommended MathI decimalO) which allows for the fraction button to be used or put in equations in a line format |
| Angle unit | Shift/set up 2 | For checking your calculator is set to DEGREES |
| Number format | Shift/ set up 3 |  |
| Fix | Shift/ set up 3 /1 | This fixes the number of decimal places you want to display so will round up. Use this for individual questions only |
| Sci | Shift/ set up 3 /2 | Displays your answer in scientific notation, good when your answer requires this (lots of decimal places or a big number of sig fig etc |
| Norm | Shift/ set up 3 /3 | Cancels the Fix and Sci but you then select the type of input you want (see above) |
| Norm 1~2 |  | Selects between maths or line |
| Ab/c or d/c | Shift/ set up 4 | Do you want vulgar fractions or full numbers and fractions |
| Recurring decimal | Shift / set up /down. 3 | I RECOMMEND THIS BEING OFF, IT GIVES YOU THE DOT WHICH YOU MIGHT NOT NOTICE |
| Decimal mark | Shift/ set up / down 4 | Should be set to dot, some countries use a comma instead of a dot in a number |
| pol | Shift + | Shift + number comma number bracket = FOR USE WITH VECTORS RIGHT ANGLED TRIANGLES, CONVERTS A VECTOR AND ANGLE TO X,Y |
| Rec | Shift - | **Shift – number comma number bracket = FOR USE WITH VECTORS RIGHT ANGLED TRIANGLES, Converts an X and Y to resultant and angle (but not a bearing)** |
| ANS |  | This stores the answer so you can use this for additional parts of the calculation |
| x-1 |  | Puts your number/answer over 1 (e.g. in Resistance in parallel) |
| Sin, cos, tan |  | Only needs for the angle in vector questions |
| ° ‘ “ |  | Converts between hours, mins and second |
|  |  | Fraction button RECOMMENDED to avoid problems of BODMAS |

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| S↔D |  | Toggles between leaving your answer as a fraction or decimal | |
| DEG | Shift/ set up 3 | WHAT YOUR CALCULATOR MUST BE IN WHEN DOING PHYSICS USED FOR TRIG | |
| RAD/Grad | Shift/ set up 4 or 5 | DON’T LET YOUR CALCULATOR BE IN EITHER OF THESE | |
| calculate |  | To work out a sum rather than statistics, the default setting | |
| MthIO | Shift /set up 1 | This decides if you want to use the MathIO (recommended MathI decimalO) which allows for the fraction button to be used or put in equations in a line format | |
| LineIO | Shift/set up 2 | For checking your calculator is set to DEGREES | |
| Number format |  |  | |
| Fix | Shift/ set up 6 | This fixes the number of decimal places you want to display so will round up. Use this for individual questions only | |
| Sci | Shift/ set up 7 | Displays your answer in scientific notation, good when your answer requires this (lots of decimal places or a big number of sig fig etc | |
| Norm | Shift/ set up 8 | Cancels the Fix and Sci but you then select the type of input you want (see above) | |
| Norm 1~2 |  | Selects between maths or line | |
| Ab/c or d/c | Shift/ set uo/ down 1 or 2 | Do you want vulgar fractions or full numbers and fractions | |
| Recurring decimal | Shift / set up/down. 4 | I RECOMMEND THIS BEING OFF, IT GIVES YOU THE DOT WHICH YOU MIGHT NOT NOTICE | |
| Decimal mark | Shift / set up/down. 5 | Should be set to dot, some countries use a comma instead of a dot in a number | |
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***A calculator with colorful buttons

Description automatically generated with medium confidence***