| Definition of the operator |  | Synonyms <br> Addition is the process of <br> combining two or more figures <br> together. |
| :--- | :--- | :--- |
| Addition, adding, adding-up, <br> summing, summation, <br> totalling, accumulating, |  |  |

## Examples of application in economics and business

1. Adding the incomes of a man and wife to calculate their joint household income
2. Adding together the spending of Government departments to calculate total Government spending
3. Summing the tax payments of all workers in an economy to calculate the total tax revenue which a Government receives over a period of time.

| Definition of the operator <br> Subtraction is the process of <br> removing or deducting one <br> figure from another. | Synonyms <br> Subtraction, taking away, <br> minus, deduction, take-off |
| :--- | :--- | :--- |
| Examples of application in economics and business |  |
| 1. Subtracting tax and National Insurance payments from a worker's salary to calculate their |  |
| net income. |  |
| 2. Subtracting inflation from a pay rise to calculate the value of the real pay award. |  |
| 3. Taking away the amount of money paid by a customer to a supplier to arrive at the final |  |
| amount outstanding. |  |


| Definition of the operator |  | Synonyms <br> Multiplication is the process of <br> calculating the product of two <br> numbers. |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |

## Examples of application in economics and business

1. Calculating a worker's daily wage by multiplying their hourly wage rate by the number of hours worked.
2. Calculating the revenue a firm receives from a particular product by multiplying the price of the product by the quantity sold.
3. Calculating the tax liability of a corporation by multiplying the taxable profits by the tax rate.

| Definition of the operator |  | Synonyms |
| :--- | :--- | :--- |
| Division is the process of |  | Divide, division, share, |
| calculating the number of |  |  |
| times one figure is contained |  |  |
| in another figure. |  |  |

Examples of application in economics and business

1. Calculating a salaried worker's hourly wage by dividing their total annual salary by the number of hours worked in a year.
2. Calculating a company's solvency by dividing current assets by current liabilities.
3. Calculating the dividend per share by dividing total profits by the number of shares in circulation.
