|  |  |
| --- | --- |
| **Word** | **Mathematics Context Definition** |
| Power | The power of a number shows you how many times to use the number in a multiplication.It is written as a small number to the right and above the base number.In this example: 82 = 8 × 8 = 64(Another name for power is index or exponent) |
| Property | A character or attribute that something has. Such as color, height, weight, etc.Example: Some properties of this shape are:. Its color is blue. It has 5 sides. It is regular (all sides and angles are equal) |
| Product  | The answer when two or more numbers are multiplied together. |
| Base | 1. The number that is going to be raised to a power.Example: in 82, 8 is the base2. How many numbers used in a number systemThe decimal number system that we use every day has 10 digits {0,1,2,3,4,5,6,7,8,9} and so it is Base-10.  |
| Exponent | The exponent of a number shows you how many times the number is to be used in a multiplication.It is written as a small number to the right and above the base number.In this example: 82 = 8 × 8 = 64(Another name for exponent is index or power) |
| Expression | Numbers, symbols and operators (such as + and ×) grouped together that show the value of something.Example 2×3 is an expression |