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| **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 base  2. How many numbers used in a number system  The 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 |