| Multiplication and division vocabulary |  |  |
| :---: | :---: | :---: |
| Term | Definition |  |$\quad$ Example.



| Roman numerals |  |  |  |
| :---: | :---: | :---: | :---: |
| 1 I 50 L <br> 5 V 100 C <br> 10 X   |  |  |  |

## YEAR 4 MATHS KNOWLEDGE ORGANISER

## 2D shapes

| Name | No. of sides |
| :---: | :---: |
| triangle | 3 |
| quadrilateral | 4 |
| pentagon | 5 |
| hexagon | 6 |
| heptagon | 7 |
| octagon | 8 |
| nonagon | 9 |
| decagon | 10 |

polygon = shape with straight sides regular = all sides/angles the same irregular = sides/angles not same

## Types of triangle


parallelogram trapezium rhombus PERIMETER

Is the total distance around a shape.

Is the qmount of space inside a 2D \$hape

| Measurement conversions |  |  |  |
| :---: | :---: | :---: | :---: |
| Month | Days | 1 centimetre | 10 mm |
| January | 31 | 1 metre | 100 cm |
| February | 28 (29 in leap year) | 1 kilometre | 1,000 m |
| March | 31 |  |  |
| June | 30 | 1 kilogram | 1,000 grams |
| July | 31 |  |  |
| August | 31 | 1 litre | 1,000 millilitres |
| September | 30 |  |  |
| October | 31 |  |  |
| November | 30 |  |  |
| December | 31 | Co-Or | linatoc |
| 1 year $=365$ days ( $\approx 52$ weeks) Leap year $=366$ days |  | Read co-ordina (horizontal) fir ertical). E.g. (3,4) | $s$ along the $x$ axis , then the $y$ axis = go right 3 , down 4. |


|  | 3D shapes | square-based <br> pyramid | triangular-based <br> pyramid |
| :---: | :---: | :---: | :---: |
| faces <br> (the flat sides) 5 4 <br> edges 8 6 <br> vertices <br> (the points where <br> the edges meet) 5 4 |  |  |  |



