## Year One STEM Sentences

| Number and Place Value [NPV] | Number Facts [NF] | Addition and Subtraction [AS] | Multiplication and Division [MD] | Fractions [F] | Geometry [G] |
| :---: | :---: | :---: | :---: | :---: | :---: |
| One part is | One more than ___ is ___ | $\qquad$ plus $\qquad$ is equal to $\qquad$ | $\qquad$ groups of $\qquad$ are equal to $\qquad$ | Half of $\qquad$ is equal to $\qquad$ | A circle has one curved side. |
| The other part is $\qquad$ The whole is $\qquad$ | One less than ___ is ____ | $\qquad$ subtract $\qquad$ is equal to $\qquad$ | $\qquad$ shared equally into groups of $\qquad$ makes $\qquad$ groups. | When I halve a number, I make two equal parts | A square has 4 straight sides and 4 vertices. |
| $\qquad$ is the whole. $\qquad$ is a part, and $\qquad$ | This number pattern is increasing by $\qquad$ | When we subtract, we start with the whole | I shared $\qquad$ into $\qquad$ equal groups. There are $\qquad$ in each group. | A half is one of two equal parts. | A triangle has 3 straight sides and 3 vertices. |
| The parts are $\qquad$ and $\qquad$ The whole is $\qquad$ | This number pattern is decreasing by $\qquad$ | The whole is $\qquad$ The parts are $\qquad$ and $\qquad$ | The pattern is increasing in $\qquad$ | There are $\qquad$ parts in total. $\qquad$ parts are shaded | A $\qquad$ has $\qquad$ sides and $\qquad$ vertices. |
| $\qquad$ is equal to $\qquad$ | $\qquad$ plus $\qquad$ is greater than $\qquad$ because $\qquad$ | To find the unknown part/whole I need to $\qquad$ | The pattern is decreasing in $\qquad$ |  |  |
| I can partition $\qquad$ into $\qquad$ and $\qquad$ | If I know $\qquad$ then I know $\qquad$ because $\qquad$ | The difference between $\qquad$ and $\qquad$ is $\qquad$ | There are $\qquad$ groups of ten. There are $\qquad$ ones. |  | rement M] |
| This represents $\qquad$ because $\qquad$ | I know $\qquad$ plus $\qquad$ is equal to $\qquad$ so I know that | $\qquad$ is (so many) greater than $\qquad$ | $\qquad$ groups of ten are equal to $\qquad$ | There are 7 days in a week. | There are 60 seconds in a minute. |
| is greater than | $\qquad$ and $\qquad$ plus $\qquad$ is equal to $\qquad$ | $\qquad$ and $\qquad$ have a difference of $\qquad$ | $\qquad$ groups of two are equal to $\qquad$ | There are 12 months in a year. | One pound is the same as one hundred pence. |
| $\ldots$ ___ is less than ___ | and $\qquad$ make $\qquad$ |  | There will be $\qquad$ in each group. | $\qquad$ is longer/shorter because $\qquad$ | $\qquad$ is heavier/lighter because $\qquad$ |


| Reasoning STEMS | I know that because ___ | My representation shows this because |
| :---: | :---: | :---: |
| The calculation which represents this is | I chose this strategy because | I will use the ___ strategy to ___ |

