

Year Five STEM Sentences

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Number and Place Value [NPV]	Number Facts [NF]	Addition and Subtraction [AS]	Multiplication and Division [MD]	Fractions [F]	Geometry [G]	Measurement [M]
<p>I can estimate the answer to be ___ because ___</p> <p>Decimals are part of a integer.</p> <p>___ is more than ___ because negative numbers get lower as they get bigger.</p> <p>0.00 ___ is ___ thousandths.</p> <p>Thousandths are a tiny part because they are a thousand of one.</p> <p>The next whole number is ___.</p> <p>Ten one thousands make ten thousand.</p> <p>One hundred hundreds make ten thousand.</p> <p>Negative numbers are below/less than zero.</p> <p>Positive numbers are above/greater than zero.</p>	<p>___ is greater / less than ___ because I know ___ is ___ than ___</p> <p>___ is getting 10 / 100 / 1000 times smaller / larger.</p> <p>___ rounded to the nearest integer is ___</p> <p>The midpoint of ___ and ___ is ___, so the midpoint of ___ thousand and ___ thousand is ___ thousand.</p> <p>The value of the expressions on each side of an equals symbol must be the same.</p> <p>___ times ___ ones is equal to ___ ones, so ___ times ___ hundredths is equal to ___ hundredths.</p> <p>When a number is divided by one hundred, the digits move two places to the right.</p>	<p>The most efficient way to add these numbers is by ___ because ___</p> <p>___ tens plus the ___ we already have, gives us ___</p> <p>To subtract ___ from ___ I can partition ___ into ___</p> <p>The calculation tells me I need to add/subtract the numbers.</p> <p>If the column total is equal to ten or more we must regroup.</p> <p>Whole minus/subtract a part is equal to the difference.</p> <p>I will regroup one hundred for ten tens.</p> <p>___ thousandths plus ___ thousandths is equal to ___.</p> <p>___ thousandths minus ___ thousandths is equal to ___.</p>	<p>___ is not in its simplest form, because ___ is a common factor of ___</p> <p>___ is a factor/multiple of ___ because ___ x ___ = ___</p> <p>___ is a factor/multiple of ___ because ___ ÷ ___ = ___</p> <p>Numbers that have more than two factors are composite numbers.</p> <p>Numbers that have only two factors are called prime numbers.</p> <p>___ is not prime because it has the factors ___</p> <p>___ is prime because it only has two factors: 1 and itself.</p> <p>___ squared is ___. The square root of ___ is ___.</p> <p>If I multiply ___ by two, I must divide ___ by two for the product to stay the same.</p>	<p>The denominator tells us it is split into ___ parts.</p> <p>The numerator tells us how many parts we have.</p> <p>There are ___ halves in four / six / eight / ten ___</p> <p>___ is a integer and a fraction, which is ___ as an improper fraction ___</p> <p>The parts are ___ and ___. The total or whole is ___.</p> <p>When comparing fractions with the same denominator, the greater the numerator, the greater the fraction.</p> <p>When adding fractions with the same denominators, just add the numerators.</p> <p>___ and ___ are related fractions because the denominator ___ is a multiple of the other denominator ___.</p> <p>If the numerators are the same, the bigger the denominator, the smaller the fraction.</p>	<p>X and Y axis - Along the corridor and up the stairs or walk before you fly.</p> <p>When we move a shape sideways, up or down, we call it translation.</p> <p>The x / y co-ordinate has changed to ___ because it has moved ___</p> <p>Perpendicular lines intersect at a right angle.</p> <p>This polygon is a ___ because it has ___ vertices and ___ straight sides.</p> <p>It is / is not a polygon because ___</p> <p>It is / is not a regular shape because ___</p> <p>If one angle is ___ the other angles will be ___</p> <p>I know that angles in a triangle always add up to 180° so the missing angle is ___</p>	<p>I know ___ ml is equivalent to ___ L because there are 1000ml in 1L.</p> <p>___ m is ___ km because there are 1000m in 1km.</p> <p>There are ___ centimetres in ___ metres.</p> <p>There are ___ grams in ___ kilograms.</p> <p>There are ___ millilitres in ___ litres.</p> <p>The amount of space that the ___ takes up is its volume.</p> <p>The ___ has a larger volume than the ___ because it occupies more space.</p> <p>The volume of a cuboid can be found by multiplying the length by the width by the height.</p>

Reasoning STEMS	I can check my calculation by using the inverse with ___	I know ___ so I could work out ___
The calculation which represents this is ___	I estimate the answer to be ___ because I know ___.	This method is efficient because ___