## Place Value and Calculating:

| Objective | Sparx Task |
| :---: | :---: |
| Write numbers in figures and in words | Q676 |
| Order and compare positive integers using inequality notation | M704 |
| Understand decimal place value | M522 |
| Order decimals including in context | M522 |
| Multiply and divide by powers of 10 | M113 |
| Round to the nearest 10, 100 and 1000 | M111 |
| Round to the nearest whole number | M111 |
| Round to a given number of decimal places | M431 |
| Represent negative numbers on a number line | M763 |
| Interpret negative values in context e.g. temperature, debt | M527 |
| Compare and order positive and negative numbers including inequality signs | M527 |
| Understand the relationship between addition and subtraction using bar modelling |  |
| Understand the laws of commutativity - priority of operations with + and - | M952 |
| Use the adjusting method to solve addition and subtraction problems |  |
| Add and subtract using the column method | M928, M347 |
| Recall multiplication facts and associated division facts |  |


| Use formal method to multiply numbers by a <br> single digit integer | M 187 |  |
| :--- | :---: | :--- |
| Identify operation required to solve worded <br> problems | M 521 |  |
| Add and subtract positive and negative numbers | M 106 |  |
| Priority of operations with multiplication and <br> division | M 521 |  |
| Priority of operations with + - x and divide | M 521 |  |
| Priority of operations including brackets | M 521 |  |
| What is a factor; listing factors of numbers | M 823 |  |
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| Divisibility rules for 2,3,4,5,6,8,9,10 | M 23 |  |
| What is a multiple; listing multiples of numbers | M 135 |  |
| Recognise square numbers | M 757 |  |
| Squares and square roots of numbers and how <br> to find on a calculator |  |  |
| Index notation for powers and on a calculator |  |  |

