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| **Stage 5 KIRFS** |
| **Objectives: Number & Place Value; Addition & Subtraction; Multiplication & Division; Fractions/decimals/%** | **Met objective (must be met 3 times to achieve objective)** | **Date Achieved** | **Objectives: Number & Place Value; Addition & Subtraction; Multiplication & Division; Fractions/decimals/%** | **Met objective (must be met 3 times to achieve objective)** | **Date Achieved** |
| Order and compare numbers to at least 1,000,000 and determine the value of each digit **e.g. What is the value of the 6 in 681,927? Use < > = to compare 89 125 & 98 512.** |  |  | Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000 **e.g. Round 723,178 to the nearest hundred thousand** |  |  |
| Interpret negative numbers in context, count forward and backwards with positive and negative whole numbers, including through zero **e.g. continue the sequence : -7 -14 -21** |  |  | Add and subtract numbers mentally with increasingly large numbers **e.g. what is 12,463 – 2300?** |  |  |
| Recall prime numbers up to 19 **e.g. write down all the prime numbers up to 10** |  |  | Recognise and use square numbers up to 12 squared **e.g. write two square numbers between 5 and 20** |  |  |
| Know all times tables to 12 x 12 and corresponding divisions. |  |  | Recognise and use square roots up to the root of 144 **e.g. what is square root of 36?** |  |  |
| Multiply and divide whole numbers and those involving decimals by 10 **e.g. what is 32.4 x 10?** |  |  | Recognise and use cube numbers up to 5 cubed **e.g. What are the cubed numbers between 8 and 125?** |  |  |
| Multiply and divide whole numbers and those involving decimals by 100 **e.g. What is 35.6 x 100?** |  |  | Double and halve three-digit numbers **e.g. What is double 386?** |  |  |
| Multiply and divide whole numbers and those involving decimals by 1000 **e.g. what is 134.6 x 1000?** |  |  | Double and halve decimals (1dp) to 10 **e.g. What is half of 8.4?** |  |  |
| Compare and order fractions whose denominators are all multiples of the same number **e.g. Enter the correct sign between the fractions (< > or =) 7/8 12/16** |  |  | Round decimals with two decimal places to the nearest whole number **e.g. Round 4.67 to the nearest whole number** |  |  |
| Read and write decimal numbers as fractions **e.g. Express 0.71 as a fraction.** |  |  | Add and subtract fractions with the same denominator and denominators that are multiples of the same number where the answer is within 1 **e.g. What is 1/6 + 2/3?** |  |  |
| Write percentages as a fraction with a of denominator 100, and as a decimal **e.g. express 48% as a fraction & decimal** |  |  | Know percentage and decimal equivalents of ½, ¼ , 1/5, 2/5 , 3/5, and those fractions with a denominator of a multiple of 10 or 25 **e.g. express 9/30 as a decimal & %** |  |  |

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