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| **Unit N1****Properties of number** | **Year 8 Road Map** |
| In this unit you will learn about Sequences**S**: Support**C**: Core**E**: Extension |
| **S/N** | **Differentiation** | **Learning Goals/Outcomes/Content** | **Mathswatch Clip** | **R** | **A** | **G** |
| 1 | S | Adding and subtracting large numbers | N13aN14a |  |  |  |
| 2 | S | Multiply a large number by 1 and 2 digits numbers | N15a |  |  |  |
| 3 | S C E | Divide large numbers by 1 and 2 digit numbers | N16 |  |  |  |
| 4 | S C E | Multiplying and dividing numbers by 10, 100, 1000, 0.1, 0.01, 0.001. (N3.2, N4.2). | N17 |  |  |  |
| 5 | S C E | Use BIDMAS to solve problems involving more than one operation (N3.1, N4.1) | N2075 |  |  |  |
| 6 | S C | Identify prime numbers between 1 to 100 (N3.1, N4.1, N5.1) | N30a |  |  |  |
| 7 | S C E | Express a number as a product of prime factors using division and factor tree method (N4.2, N5.1) | N30b78 |  |  |  |
| 8 | C E | Find the LCM and HCF of numbers by listing multiples and factors and or Venn diagrams (N4.1, N5.1) approach | N318079 |  |  |  |
| 9 | C E | Use index laws such as 50, 53 x 52, (52)3 and 55÷ 52 (N6.1) | 13182 |  |  |  |
| 10 | E | Estimate sum | 91 |  |  |  |
| 11 | E | Write numbers in standard form and vice versa (N6.1) | N4583 |  |  |  |

Student’s comments or questions