Phase 1: Place Value with identified "worry point" if not achieved during the progress.

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| :--- | :--- | :--- | :--- | :--- |


| Phase 4 Place Value |  |
| :--- | :--- |
| Progress Outcomes by the end of year 10 |  |
| I know that: <br> Decimals can be terminating, repeating and infinite, or non repeating and infinite (irrational numbers) |  |

An understanding of the base 10 number system is crucial to working with numbers and developing an understanding involves using the number system so it should not be isolated from developing skills and understanding of addition, subtraction, multiplication and division. As the system is a multiplicative system (based on groups of 10) it is imperative that students develop multiplicative thinking.

Teachers need an in depth knowledge of the system. This teacher handbook was written to assist teachers develop their own knowledge through the context of teaching and learning experiences.

This book is available from the online store at wilkieway.co.nz
Cost $\$ 45.00$


