

Queensland — Number Strand

Foundation Level	Level 1	Level 2	Level 3	Level 4	Level 5
UMI Levels 1-2 (with controlled speed and display)	UMI Levels 1-3	UMI Levels 3-4	UMI Levels 5+	UMI Levels 7-10	UMI Levels 7-10
<p>Level Statement <i>Students are developing a notion of counting and an awareness of number.</i></p>	<p>Level Statement <i>Students are developing a sense of number by knowing number names and counting in sequence. They recognise, compare, order and represent small whole numbers. Students identify and distinguish between situations that require them to add or subtract, to share equally or to create equal groups.</i></p>	<p>Level Statement <i>Students demonstrate their developing number sense by comparing, ordering and representing whole numbers to 999 and understanding that the value of a digit in a number determines its place value. They understand that a whole can be made up of equal parts. Students are beginning to recall or work out some addition, subtraction and multiplication number facts.</i></p>	<p>Level Statement <i>Students compare, order and represent whole numbers to 9999, decimal fractions and recognise the value of each digit. Students recall or work out all addition, subtraction and multiplication number facts and some division facts. They use a range of computation methods, including mental, to solve problems that involve whole numbers and decimal fractions in context.</i></p>	<p>Level Statement <i>Students compare and order any whole numbers and decimal fractions. They identify fractions expressed in different ways and make connections between common fractions, decimal fractions and percentages. Students recall all addition, subtraction, multiplication and division number facts.</i></p>	<p>Level Statement <i>Students compare and order positive and negative integers and explain and record index notation.</i></p>
<p>Number Concepts NF1 Students rote count to a specified number</p>	<p>Number Concepts N1.1 Students identify, compare and order small whole numbers.</p>	<p>Number Concepts N2.1 Students compare and order whole numbers to 999 and identify simple fractions of objects and collections.</p>	<p>Number Concepts N3.1 Students compare, order and represent whole numbers to 9999 and common and decimal fractions.</p>	<p>Number Concepts N4.1 Students compare and order whole numbers and common and decimal fractions of any size, and make connections between key percentages and fractions.</p>	<p>Number Concepts N5.1 Students compare and order integers, and use and interpret index notation.</p>
<p>Addition and Subtraction NF2 Students show an awareness of <i>more</i>, <i>less</i> and <i>same</i> in life situations.</p>	<p>Addition and Subtraction N1.2 Students identify and solve addition and subtraction problems involving small whole numbers.</p>	<p>Addition and Subtraction N2.2 Students identify and solve addition and subtraction problems involving whole numbers, using mental strategies and known number facts.</p>	<p>Addition and Subtraction N3.2 Students identify and solve addition and subtraction problems involving whole numbers and decimal fractions using mental strategies and known number facts.</p>	<p>Addition and Subtraction N4.2 Students identify and solve addition and subtraction problems involving any whole numbers and decimal fractions, using mental strategies and known number facts.</p>	<p>Addition and Subtraction N5.2 Students identify and solve addition and subtraction problems involving positive rational numbers, using mental strategies and known number facts.</p>

<p>Multiplication and Division NF3 Students share a quantity of everyday objects among their peers.</p>	<p>Multiplication and Division N1.3 Students identify and describe equal groupings and equal sharing.</p>	<p>Multiplication and Division N2.3 Students identify and solve multiplication and division problems, using mental strategies and known number facts.</p>	<p>Multiplication and Division N3.3 Students identify and solve multiplication and division problems involving whole numbers and decimal fractions, using mental strategies and known number facts.</p>	<p>Multiplication and Division N4.3 Students identify and solve multiplication and division problems involving whole numbers, decimal fractions, common fractions and percentages using mental strategies and known number facts.</p>	<p>Multiplication and Division N5.3 Students identify and solve multiplication and division problems involving positive rational numbers, using mental strategies and known number facts.</p>
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