

## Knowledge organiser

### Y7 Maths

Topic 5: Negative numbers		Key ideas
<ul style="list-style-type: none"><li>□ Represent and order positive and negative integers on a number line</li><li>□ Show addition and subtraction on a number line <a href="#">Mathswatch N18</a></li><li>□ Apply the four basic operations on positive and negative integers <a href="#">Mathswatch N19a and N19B</a> or <a href="#">Mathswatch (gcse) N68a and N68b</a></li><li>□ Calculate with rational and decimal numbers (including negative numbers)</li></ul>		<p>I can use negative numbers in context and solve problems involving simple negative numbers.</p> <p>I can add and subtract positive and negative numbers (including decimals).</p> <p>I can multiply and divide positive and negative numbers (including decimals).</p> <p>I can use <math>&lt;</math> for less than and <math>&gt;</math> for greater than</p>
Key vocabulary		
Positive	Any number that is greater than zero is a positive number.	
Negative	Any number that is less than zero is a negative number	
Rational	Any number that can be written as a fraction with integers as the top and bottom numbers of the fraction is a rational number.	
Integer	A number with no fractional or decimal parts, can be positive, negative or zero.	