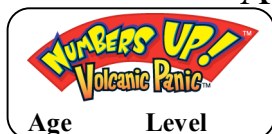
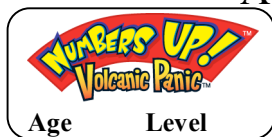


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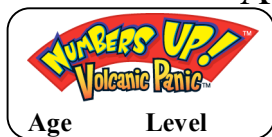
Age	Level	Multiplication
7-8	8-10	<p><b>Multiplication facts 2x, 5x, 10x</b>                      Recognises multiplication as repeated addition e.g. <math>2+2+2+2</math>                      Recognises multiplication as an array – e.g. 4 rows of 2                      Recognises multiplication as commutative – e.g. <math>2 \times 4</math> is the same as <math>4 \times 2</math>                      Uses word forms <i>a groups of b</i>, <i>a b's</i>, <i>a times b</i>, and <i>a multiplied by b</i>                      Recognises multiples of 2, 5 and 10                      Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem                      Interprets <i>double</i> as the same as <i>2 groups of...</i> e.g. double 2 x is 4x                      Solves everyday problems involving money and measurement</p>
8-9	11-12	<p><b>Multiplication facts 2x, 3x, 4x, 5x, 10x</b>                      Performs a series of multiplications (multiplication chains)                      Recognises multiplication as commutative – e.g. <math>2 \times 4</math> is the same as <math>4 \times 2</math>                      Uses word forms <i>a groups of b</i>, <i>a b's</i>, <i>a times b</i>, and <i>a multiplied by b</i>                      Recognises multiples of 2, 3, 4, 5 and 10                      Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem                      Knows all 2-digit number doubles                      Recognises a symbol as representing an unknown number in a multiplication equation                      Recognises whether multiplication number statements are true or false                      Solve everyday problems involving money and measurement</p>
9	13-14	<p><b>Multiplication facts 2x, 3x, 4x, 5x, 10x</b>                      Performs a series of multiplications (multiplication chains)                      Recognises multiples of 2, 3, 4, 5 and 10                      Uses word form <i>product</i>                      Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem                      Knows doubles for all 2-digit numbers                      Recognises a symbol as representing an unknown number in a multiplication equation                      Recognises whether multiplication number statements are true or false                      Uses vertical algorithm for multiplication calculations                      Solve everyday problems involving money and measurement</p>

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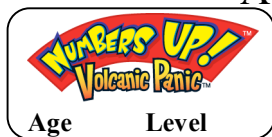
Age	Level	Multiplication
9-10	15-16	<p><b>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 10x</b>                      Performs a series of multiplications (multiplication chains)                      Recognises multiples of 2, 3, 4, 5, 6, 7, 8 and 10                      Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem                      Knows doubles for all 2-digit numbers                      Recognises a symbol as representing an unknown number in a multiplication equation                      Recognises whether multiplication number statements are true or false                      Identify complementary multiplication and division pairs                      Identifies a given number as the product of a pair of other numbers                      Uses vertical algorithm for multiplication calculations                      Solves everyday problems involving money and measurement</p>
10-11	17-18	<p><b>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x</b>                      Performs a series of multiplications (multiplication chains)                      Recognises multiples of 2, 3, 4, 5, 6, 7, 8 and 10                      Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem                      Knows doubles for all 2-digit numbers                      Derives other related doubles                      Knows square numbers up to 10x10                      Derives related squares                      Recognises a symbol as representing an unknown number in a multiplication equation                      Recognises whether multiplication number statements are true or false                      Identifies complementary multiplication and division pairs                      Identifies a given number as the product of a pair of other numbers                      Uses vertical algorithm for multiplication calculations                      Solves everyday problems involving money and measurement</p>
11	19-20	<p><b>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x</b>                      Uses known multiplication facts to derive facts for decimal numbers (1 decimal place)                      Performs a series of multiplications (multiplication chains) including calculations using decimal numbers (1 decimal place)                      Recognises multiples of 2, 3, 4, 5, 6, 7, 8 and 10                      Knows doubles for all 2-digit numbers                      Derives other related doubles                      Know square numbers up to 10x10                      Derives related squares, including squares of decimal numbers                      Recognises a symbol as representing an unknown number in a multiplication equation                      Recognises whether multiplication number statements are true or false                      Identifies complementary multiplication and division pairs</p>

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Age	Level	<b>Multiplication</b>
		<p>Identifies a given number as the product of a pair of other numbers                      Uses vertical algorithm for multiplication calculations                      Uses a process of multiplication and equivalent division to simplify more complex multiplication calculations                      Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem                      Solves everyday problems involving money and measurement</p>
	21-23	<p><b>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x</b>                      Uses known multiplication facts to derive facts for decimal numbers (2 decimal places)                      Performs a series of multiplications (multiplication chains)                      Recognises multiples of 2, 3, 4, 5, 6, 7, 8 and 10                      Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem                      Knows doubles for all 2-digit numbers                      Derives other related doubles                      Know square numbers up to 10x10                      Derives related squares, including squares of decimal numbers                      Recognises a symbol as representing an unknown number in a multiplication equation                      Recognises whether multiplication number statements are true or false                      Identifies complementary multiplication and division pairs                      Identifies a given number as the product of a pair of other numbers                      Uses vertical algorithm for multiplication calculations                      Uses a process of multiplication and equivalent division to simplify more complex multiplication calculations                      Solves everyday problems involving money and measurement</p>

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Age	Level	Multiplication
	24-26	<p><b>All previous multiplication facts</b></p> <ul style="list-style-type: none"> <li>Uses known multiplication facts to derive facts for decimal numbers (2 decimal places)</li> <li>Derives facts for multiplication of positive and negative integers</li> <li>Performs mixed calculations using the agreed order of operations</li> <li>Performs a series of multiplications (multiplication chains)</li> <li>Recognises multiples of 2, 3, 4, 5, 6, 7, 8 and 10</li> <li>Interprets real life situations as multiplication and identifies the mathematical processes needed to solve a given problem</li> <li>Knows doubles for all 2-digit numbers</li> <li>Derives other related doubles</li> <li>Know square numbers up to <math>10 \times 10</math></li> <li>Derives related squares, including squares of decimal numbers</li> <li>Recognises a symbol as representing an unknown number in a multiplication equation</li> <li>Recognises whether multiplication number statements are true or false</li> <li>Identifies complementary multiplication and division pairs</li> <li>Identifies a given number as the product of a pair of other numbers</li> <li>Uses vertical algorithm for multiplication calculations</li> <li>Uses a process of multiplication and equivalent division to simplify more complex multiplication calculations</li> <li>Solves everyday problems involving money and measurement</li> </ul>