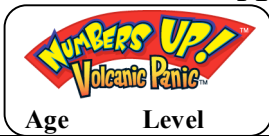
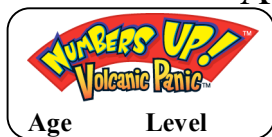


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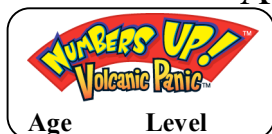
Age	Level	Multiplication
7-8	8-10	<p>Multiplication facts 2x, 5x, 10x</p> <p>Recognises multiplication as repeated addition e.g. $2+2+2+2$</p> <p>Recognises multiplication as an array – e.g. 4 rows of 2</p> <p>Recognises multiplication as commutative – e.g. 2×4 is the same as 4×2</p> <p>Uses word forms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

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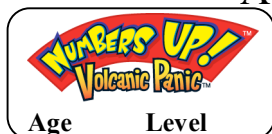
Age	Level	Multiplication
9-10	15-16	<p>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 10x Performs a series of multiplications (multiplication chains) Recognises multiples of 2, 3, 4, 5, 6, 7, 8 and 10 Interprets real life situations as multiplication and identifies the mathematical processes needed 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>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x 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>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x 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	Multiplication
		<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>Multiplication facts 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x 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>All previous multiplication facts</p> <ul style="list-style-type: none"> Uses known multiplication facts to derive facts for decimal numbers (2 decimal places) Derives facts for multiplication of positive and negative integers Performs mixed calculations using the agreed order of operations 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 10×10 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