



**MATHS BASIC FACTS**

# Maths Basic Facts: Black Bingo Grid

Practise these activities to help you progress to the next level

KEY SKILLS			
Halves to 10	Doubles to 10	Addition and Subtraction	Patterns to 10
<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with halves</p>	<p><b><u>Playing Cards</u></b> Using number cards from a pack of playing cards, pick a card and then double it.</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with number bonds.</p>	<p><b><u>Thigh, clap, snap, snap</u></b> Create a counting pattern by patting your thighs, clapping, then snapping your fingers on each hand.</p>
<p><b><u>Target Practise</u></b> Make a target board in a safe space with numbers from 1-5. Throw something soft at 2 numbers and add/subtract them together.</p>	<p><b><u>Dice</u></b> Roll 1 die and then double the number you get.</p>	<p><b><u>Coins</u></b> Use 2 coins up to 10 pence. Add their value together.</p>	<p><b><u>Pass</u></b> With a partner, count up and back to 10 whilst passing an object. Take turns to say each number.</p>
<p><b><u>How Many?</u></b> How many different ways can you make 10 using different calculations?</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with doubles.</p>	<p><b><u>Daily 10</u></b> Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>	<p><b><u>Daily Rigour</u></b> Visit the Daily Rigour website. Can you complete the problem solving tasks for the week in FIRST LEVEL?</p>
<p><b><u>Number Bonds</u></b> Have a partner give you a number between 0 - 10. What number would you need to add to it to make the number 10? EXAMPLE: What do you add to 8 to make 10?</p>	<p><b><u>Memory Game</u></b> Make number cards to 20. Place them upside down and play the memory game making number bonds to 20.</p>	<p><b><u>Eye Spy</u></b> Find numbers around the house. Add them together!</p>	<p><b><u>Sumdog</u></b> Log on to Sumdog - how many questions can you answer correctly?</p>

# Maths Basic Facts: Yellow Bingo Grid

Practise these activities to help you progress to the next level

## KEY SKILLS

Addition Facts	Subtraction Facts	Numbers to 100	Doubles and Halves
<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with addition.</p>	<p><b><u>Target Practise</u></b> Make a target board in a safe space with numbers from - 10. Throw something soft at 2 numbers and add/subtract them together.</p>	<p><b><u>Thigh, clap, snap, snap</u></b> Create a counting pattern to 100 by patting your thighs, clapping, then snapping your fingers on each hand.</p>	<p><b><u>Playing Cards</u></b> Using number cards from a pack of playing cards, pick a card and then double it.</p>
<p><b><u>Coins</u></b> Collect coins with a maximum value of 10 pence. Add their value together.</p>	<p><b><u>How Many?</u></b> How many different ways can you make 20 using different calculations?</p>	<p><b><u>Pass</u></b> With a partner, count up and back to 100 whilst passing an object. Take turns to say each number.</p>	<p><b><u>Dice</u></b> Roll 2 dice and then double the numbers you get.</p>
<p><b><u>Daily Rigour</u></b> Visit the Daily Rigour website. Can you complete the problem solving tasks for the week in FIRST LEVEL?</p>	<p><b><u>Number Bonds</u></b> Have a partner give you a number between 0 - 20. What number would you need to add to it to make the number 20? EXAMPLE: What do you add to 18 to make 20?</p>	<p><b><u>Eye Spy</u></b> Find numbers around the house. Add them together!</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with doubles and halves</p>
<p><b><u>Sumdog</u></b> Log on to Sumdog - how many questions can you answer correctly</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with subtraction</p>	<p><b><u>Memory Game</u></b> Make number cards to 20. Place them upside down and play the memory game making number bonds to 20.</p>	<p><b><u>Daily 10</u></b> Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>

# Maths Basic Facts: Red Bingo Grid

Practise these activities to help you progress to the next level

KEY SKILLS			
Addition and Subtraction	Times Table Facts	Division Facts	Doubles and Halves
<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with addition and subtraction</p>	<p><b><u>Thigh, clap, snap, snap</u></b> Create a counting pattern for 2, 5 and 10 times tables by patting your thighs, clapping, then snapping your fingers on each hand.</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with division tables.</p>	<p><b><u>Dice</u></b> Roll 2 dice and then double the number you get. If you get an even number can you halve it?</p>
<p><b><u>Eye Spy</u></b> Find numbers around the house. Add them together or subtract them</p>	<p><b><u>Pass</u></b> With a partner, count up and down your 2, 5 and 10 times tables whilst passing an object. Take turns to say each number.</p>	<p><b><u>Odds and Evens</u></b> Write out all your numbers to 100 and colour in the odd and even numbers.</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with halves and doubles</p>
<p><b><u>Daily Rigour</u></b> Visit the Daily Rigour website. Can you complete the problem solving tasks for the week in FIRST LEVEL?</p>	<p><b><u>Dice</u></b> Roll two dice and multiply them together.</p>	<p><b><u>Target Practise</u></b> Make a target board in a safe space with numbers from 1-10 Throw something soft at 3 numbers and add/subtract them together.</p>	<p><b><u>Colourful Tables</u></b> Write out all your numbers to 100 and colour the 2, 5 and 10 times table stations in colours.</p>
<p><b><u>Rigour Maths Calendar</u></b> Can you complete the First Level Calendar?</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with multiplication tables.</p>	<p><b><u>Daily 10</u></b> Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>	<p><b><u>Sumdog</u></b> Log on to Sumdog - how many questions can you answer correctly</p>

# Maths Basic Facts: Blue Bingo Grid

Practise these activities to help you progress to the next level

## KEY SKILLS

2 Digit Multiplication	Times Table Facts	Division Facts	Doubles and Halves
<p><b><u>Think of a Number</u></b> Think of a number up to 144. How many ways can you divide it without a remainder?</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with multiplication tables.</p>	<p><b><u>Coconut Multiples</u></b> Visit the Top Marks Website and search for Coconut Multiples. Practise your times tables.</p>	<p><b><u>Maths Playground</u></b> Search for Maths Playground and find the game Multiplication Snake. Practise your chosen times table.</p>
<p><b><u>Countdown</u></b> Visit Nrich Maths: Countdown to play the classic game and practise your mental maths agility.</p>	<p><b><u>Buzz</u></b> With a partner, choose a times table to practise and then take turns counting in ones. When you hit a station of the times table say 'buzz' instead of the number. How far can you get?</p>	<p><b><u>Target Practise</u></b> Make a target board in a safe space with numbers from 1 - 10 Throw something soft at 2 numbers and multiply them together</p>	<p><b><u>Number Bonds</u></b> Have a partner give you a number between 0 - 100. What number would you need to add to it to make the number 100? EXAMPLE: What do you add to 68 to make 100?</p>
<p><b><u>Meteor Multiplication</u></b> Visit the Top Marks Website and search for Meteor Multiplication. Practise your times tables.</p>	<p><b><u>Colourful Tables</u></b> Write out all your numbers to 100 and colour the 2 - 10 times table stations in different colours.</p>	<p><b><u>Hit the Button</u></b> Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with division tables.</p>	<p><b><u>Choose 5</u></b> Choose five even 2 digit numbers. Double and halve each of them.</p>
<p><b><u>Daily Rigour</u></b> Visit the Daily Rigour website. Can you complete the problem solving tasks for the week in SECOND LEVEL?</p>	<p><b><u>Rigour Maths Calendar</u></b> Can you complete the Second Level Calendar?</p>	<p><b><u>Daily 10</u></b> Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>	<p><b><u>Sumdog</u></b> Log on to Sumdog - how many questions can you answer correctly</p>

# Maths Basic Facts: Green Bingo Grid

Practise these activities to help you progress to the next level

KEY SKILLS			
Single Digit by Multiple of 10	Multiplication & Division Facts	Single Digit by Multiple of 100	Division Facts with 10s
<p><b><u>Pass</u></b></p> <p>Choose a single digit number. Have a partner throw an object for you to catch and multiply the number by 10.</p>	<p><b><u>Hit the Button</u></b></p> <p>Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with multiplication and division tables.</p>	<p><b><u>Pass</u></b></p> <p>Choose a single digit number. Have a partner throw an object for you to catch and multiply the number by 100</p>	<p><b><u>Think of a Number</u></b></p> <p>Think of a number up to 1000 Divide it by 10, 100 and 100. What pattern do you see?</p>
<p><b><u>Target Practise</u></b></p> <p>Make a target board in a safe space with numbers from 1 - 10 Throw something soft at 2 numbers and multiply them together</p>	<p><b><u>Buzz</u></b></p> <p>With a partner, choose a times table to practise and then take turns counting in ones. When you hit a station of the times table say 'buzz' instead of the number. How far can you get?</p>	<p><b><u>Colourful Tables</u></b></p> <p>Write out all your numbers to 144 and colour all the times table stations in different colours.</p>	<p><b><u>Countdown</u></b></p> <p>Visit Nrich Maths: Countdown to play the classic game and practise your mental maths agility.</p>
<p><b><u>Think of a Number 2</u></b></p> <p>Think of a number up to 1000 Multiply it by 10, 100 and 100. What pattern do you see?</p>	<p><b><u>Rigour Maths Calendar</u></b></p> <p>Can you complete the Second Level Calendar?</p>	<p><b><u>How Many?</u></b></p> <p>How many different ways can you make 500 using different calculations?</p>	<p><b><u>Four In A Row</u></b></p> <p>Visit the Nrich Website and search for 'For Go'. To be played with a partner.</p>
<p><b><u>A Square of Numbers</u></b></p> <p>Visit the Nrich Website and search for A Square of Numbers. Solve the square puzzle.</p>	<p><b><u>Daily Rigour</u></b></p> <p>Visit the Daily Rigour website. Can you complete the problem solving tasks for the week?</p>	<p><b><u>Daily 10</u></b></p> <p>Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>	<p><b><u>Sumdog</u></b></p> <p>Log on to Sumdog - how many questions can you answer correctly</p>

# Maths Basic Facts: Purple Bingo Grid

Practise these activities to help you progress to the next level

KEY SKILLS			
Prime Numbers	Multiples for all numbers	Products	Factors
<p><b><u>Buzz</u></b></p> <p>With a partner take turns counting in ones. When you hit a prime number say 'buzz' instead of the number. How far can you get?</p>	<p><b><u>Colourful Tables</u></b></p> <p>Write out all your numbers to 144 and colour the all the times table stations in different colours.</p>	<p><b><u>Hit the Button</u></b></p> <p>Visit the Top Marks website or download the Top Marks App. Play 'Hit the Button' with products.</p>	<p><b><u>List</u></b></p> <p>Choose a 2 digit number. How many factors can you list for the number in 60 seconds?</p>
<p><b><u>Colourful Primes</u></b></p> <p>Write out all a list of numbers to 100 and colour all the prime numbers. Can you extend past 100?</p>	<p><b><u>Target Practise</u></b></p> <p>Make a target board in a safe space with numbers from 1 - 10 Throw something soft at 2 numbers and multiply them together</p>	<p><b><u>Choose 5</u></b></p> <p>Choose five 2 digit numbers ending in 0. How many multiplication sums can you make using them?</p>	<p><b><u>Countdown</u></b></p> <p>Visit Nrich Maths: Countdown to play the classic game and practise your mental maths agility.</p>
<p><b><u>Memory Game</u></b></p> <p>Make number cards of decimals totalling one. Place them upside down and play the memory game making a whole number.</p>	<p><b><u>Daily Rigour</u></b></p> <p>Visit the Daily Rigour website. Can you complete the problem solving tasks for the week?</p>	<p><b><u>How Many?</u></b></p> <p>How many different ways can you make 1000 using different calculations?</p>	<p><b><u>Meteor Multiplication</u></b></p> <p>Visit the Top Marks Website and search for Meteor Multiplication. Practise your times tables, products and factors.</p>
<p><b><u>Maths Playground</u></b></p> <p>Search for Maths Playground and find the game Factor Trees. Practise finding Highest and Lowest Common Factors.</p>	<p><b><u>Rigour Maths Calendar</u></b></p> <p>Can you complete the Second Level Calendar?</p>	<p><b><u>Daily 10</u></b></p> <p>Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>	<p><b><u>Sumdog</u></b></p> <p>Log on to Sumdog - how many questions can you answer correctly</p>

# Maths Basic Facts: Pink Bingo Grid

Practise these activities to help you progress to the next level

KEY SKILLS			
Basic Operations	Adding and Subtracting Decimals	Powers of Numbers	Multiplication and Division of Decimals
<p><b><u>Daily Rigour</u></b> Visit the Daily Rigour website. Can you complete the problem solving tasks in THIRD LEVEL for the week?</p>	<p><b><u>Choose 5</u></b> Choose five 3 digit numbers. How many multiplication and division sums can you make using them?</p>	<p><b><u>Colourful Powers</u></b> Write out numbers from 1- 100. Colour in all the square numbers. Colour in all the cube numbers.</p>	<p><b><u>Think of a Number</u></b> Think of a number up to 1000 with decimals. E.G. <b>658.2</b> Multiply and divide it by 10, 100 and 100. What patterns do you see?</p>
<p><b><u>Meteor Multiplication</u></b> Visit the Top Marks Website and search for Meteor Multiplication. Practise your times tables, factors, products and square/cube numbers.</p>	<p><b><u>How Many?</u></b> How many different ways can you make 5000 using different calculations?</p>	<p><b><u>Choose 5</u></b> Choose five 3 digit numbers. How many addition and subtraction sums can you make using them?</p>	<p><b><u>Countdown</u></b> Visit Nrich Maths: Countdown to play the classic game and practise your mental maths agility. Set yourself a 60 second limit</p>
<p><b><u>Rigour Maths Calendar</u></b> Can you complete the Third Level Calendar?</p>	<p><b><u>Square Sequence</u></b> Create a list of all the square numbers that you know. How far can you get in 60 seconds?</p>	<p><b><u>Common Factors</u></b> Choose two 2 digit numbers. How many factors do they share?</p>	<p><b><u>Multiplication Squares</u></b> Visit the Nrich Website and search for Multiplication Squares. Solve the grids.</p>
<p><b><u>Target Practise</u></b> Make a target board in a safe space with numbers from 1 - 10 Throw something soft at 2 numbers and multiply them together. How many can you do in 60 seconds?</p>	<p><b><u>Maths Playground</u></b> Search for Maths Playground and find the game Factor Trees. Practise finding Highest and Lowest Common Factors.</p>	<p><b><u>Daily 10</u></b> Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>	<p><b><u>Sumdog</u></b> Log on to Sumdog - how many questions can you answer correctly</p>

# Maths Basic Facts: **Turquoise** Bingo Grid

Practise these activities to help you progress to the next level

## KEY SKILLS

Basic Operations	Fractions, Decimals and Percentages	Basic Operations Using Decimals	Simplification of Algebraic Equations
<p><b><u>Archery Arithmetic</u></b> Visit the Top Marks Website and search for Archery Arithmetic. Practise your times tables, factors, products and square/cube numbers.</p>	<p><b><u>Cube Sequence</u></b> Create a list of all the cube numbers that you know. How far can you get in 60 seconds?</p>	<p><b><u>Choose 5</u></b> Choose five decimal numbers. How many multiplication and division sums can you make using them?</p>	<p><b><u>Countdown</u></b> Visit Nrich Maths: Countdown to play the classic game and practise your mental maths agility. Set yourself a 60 second limit.</p>
<p><b><u>Daily Rigour</u></b> Visit the Daily Rigour website. Can you complete the problem solving tasks in THIRD LEVEL for the week?</p>	<p><b><u>Choose 5</u></b> Choose five 2 digit numbers. How many addition and subtraction sums can you make using them?</p>	<p><b><u>How Many?</u></b> How many different ways can you make 10000 using different calculations?</p>	<p><b><u>Maths Playground</u></b> Search for Maths Playground and find the game Factor Trees. Practise finding Highest and Lowest Common Factors.</p>
<p><b><u>Rigour Maths Calendar</u></b> Can you complete the Third Level Calendar?</p>	<p><b><u>Top Marks: Algebra Substitution Grids</u></b> Visit the Top Marks Website. Search for 'Algebra Substitution Grids' and begin solving the equations.</p>	<p><b><u>Think of a Number</u></b> Think of a number up to 1000 with decimals. E.G. <b>843.689</b> Multiply and divide it by 10, 100 and 100. What patterns do you see?</p>	<p><b><u>Common Factors</u></b> Choose two 3 digit numbers. How many factors do they share?</p>
<p><b><u>Memory Game</u></b> Make number cards of decimals totalling 10. Place them upside down and play the memory game making a whole number.</p>	<p><b><u>Access Maths</u></b> Go to the Access Maths Website and search for Algebra Smash to practise simple equations.</p>	<p><b><u>Daily 10</u></b> Visit the Top Marks website or download the Top Marks App. Play 'The Daily 10' and choose the topic you wish to practise.</p>	<p><b><u>Sumdog</u></b> Log on to Sumdog - how many questions can you answer correctly</p>

# Maths Basic Facts: Bronze Bingo Grid

Practise these activities to help you progress to the next level

KEY SKILLS			
Basic Operations	Fractions, Decimals and Percentages	Basic Operations Using Decimals	Simplification of Algebraic Equations
<p><b><u>Numerate</u></b> Visit the Transum website and play the Numerate game: <a href="https://www.transum.org/Maths/Game/Numerate/">https://www.transum.org/Maths/Game/Numerate/</a></p>	<p><b><u>Square and Cube Sequence</u></b> Create a list of all the square and cube numbers that you know. How far can you get in 60 seconds?</p>	<p><b><u>Choose 5</u></b> Choose five decimal numbers. How many multiplication and division sums can you make using them?</p>	<p><b><u>NRich</u></b> Visit Nrich Maths: <a href="https://nrich.maths.org/9108">https://nrich.maths.org/9108</a> Complete some of the games!</p>
<p><b><u>Daily Rigour</u></b> Visit the Daily Rigour website. Can you complete the problem solving tasks in THIRD/FOURTH LEVEL for the week?</p>	<p><b><u>Choose 5</u></b> Choose five 2 digit numbers. How many multiplication and division sums can you make using them?</p>	<p><b><u>How Many?</u></b> How many different ways can you make 1 000 000 using different calculations?</p>	<p><b><u>Connect 4</u></b> Visit the Algebra 4 website to play Connect 4 with a twist: <a href="http://www.shodor.org/interactivate/activities/AlgebraFour/">http://www.shodor.org/interactivate/activities/AlgebraFour/</a></p>
<p><b><u>Rigour Maths Calendar</u></b> Can you complete the Third/Fourth Level Calendar?</p>	<p><b><u>Top Marks: Algebra Substitution Grids</u></b> Visit the Top Marks Website. Search for 'Algebra Substitution Grids' and solve the equations.</p>	<p><b><u>Maths Games</u></b> Visit: <a href="https://eng.mathgames.com/keystage3">https://eng.mathgames.com/keystage3</a> Can you complete some of the games?</p>	<p><b><u>Common Factors</u></b> Choose two 4 digit numbers. How many factors do they share?</p>
<p><b><u>Memory Game</u></b> Make number cards of decimals totalling 100. Place them upside down and play the memory game making a whole number.</p>	<p><b><u>Access Maths</u></b> Go to the Access Maths Website and search for Algebra Smash to practise simple equations.</p>	<p><b><u>BBC Bitesize</u></b> Visit the BBC Bitesize Website: <a href="https://www.bbc.co.uk/bitesize/subjects/zqhs34j">https://www.bbc.co.uk/bitesize/subjects/zqhs34j</a> Explore some of the topics and games</p>	<p><b><u>Sumdog</u></b> Log on to Sumdog - how many questions can you answer correctly</p>