MATHEMATICS WORKSHOP

Monday 9th November 2026

SESSION AIMS

- Explore the fundamental knowledge required by KS2 pupils
- Understand the approach to mathematics at school
- Know the expectations for the *Multiplication Timetables Check*
- Access materials to support your child



NATIONAL CURRICULUM

Lower key stage 2 – years 3 and 4

The principal focus of mathematics teaching in lower key stage 2 is to ensure that pupils become increasingly fluent with whole numbers and the four operations, including number facts and the concept of place value. This should ensure that pupils develop efficient written and mental methods and perform calculations accurately with increasingly large whole numbers.

At this stage, pupils should develop their ability to solve a range of problems, including with simple fractions and decimal place value. Teaching should also ensure that pupils draw with increasing accuracy and develop mathematical reasoning so they can analyse shapes and their properties, and confidently describe the relationships between them. It should ensure that they can use measuring instruments with accuracy and make connections between measure and number.

By the end of year 4, pupils should have memorised their multiplication tables up to and including the 12 multiplication table and show precision and fluency in their work.

Pupils should read and spell mathematical vocabulary correctly and confidently, using their growing word reading knowledge and their knowledge of spelling.

OUR APPROACH

- **Understand before memorising** - children need to know why methods work.
- **Small steps build confidence** - secure learning beats rushed learning.
- **Everyone can succeed in maths** - success is not about being a "maths person".
- **Fluency + Reasoning + Problem Solving** - all three are equally important.

White Rose EDUCATION

Autumn Block 2

Addition and subtraction

Beckington Church First School
A Bath & Wells Academy

OUR APPROACH

A mathematics lesson will include:

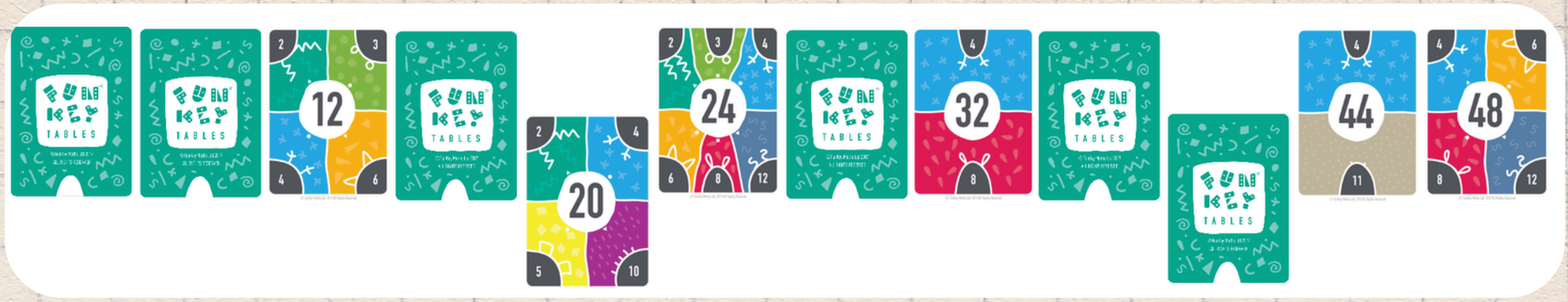
- retrieval of prior learning
- teacher modelling
- use of representations
- guided practice
- reasoning questions
- problem solving tasks
- discussion and explanation

OUR APPROACH



OUR APPROACH

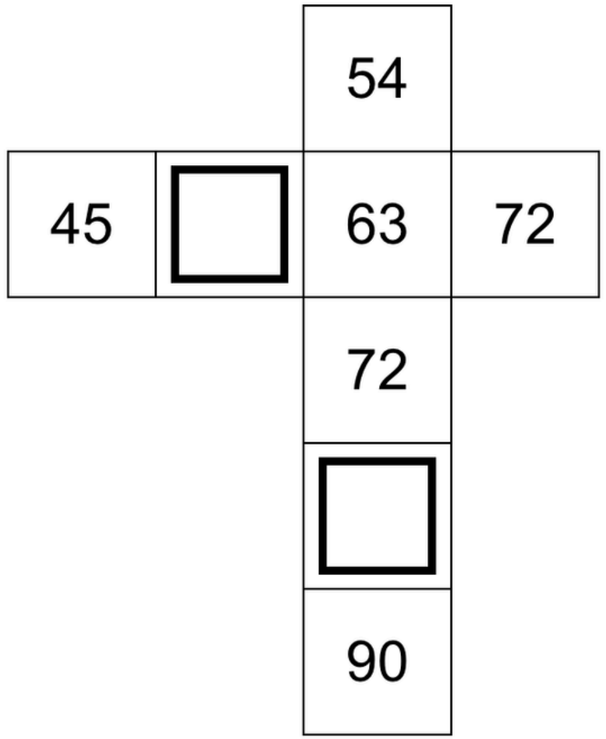






LET'S HAVE A GO

2 Count in **9s** and complete the grid.



1 mark

LET'S HAVE A GO

5 Tick the **smallest** number.

Tick **one**

7420	☐
4207	☐
7042	☐
2407	☐
2740	☐

1 mark

LET'S HAVE A GO

2





Tick the box that is **12 times** as heavy as Sophie's box.



☐



☐



☐



☐

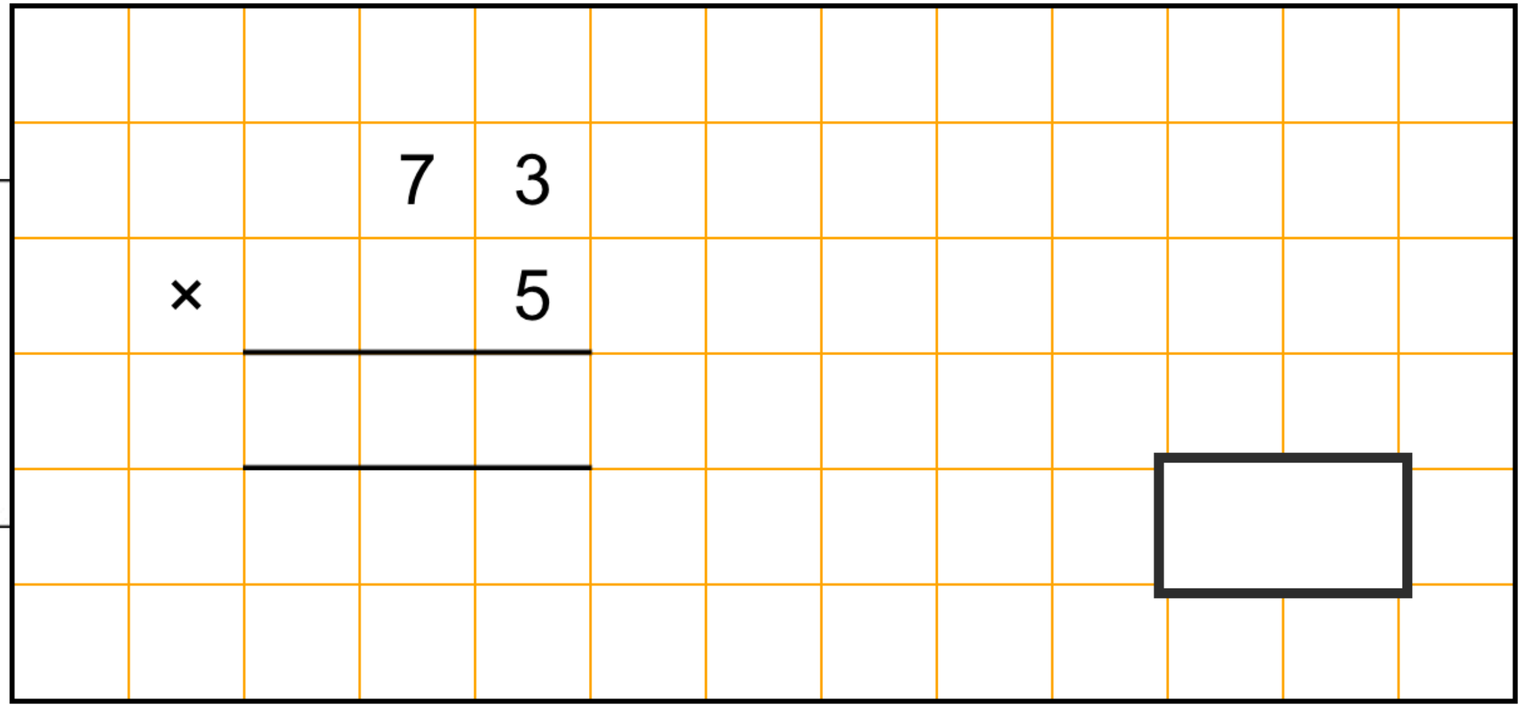


☐

1 mark

LET'S HAVE A GO

10 Find the answer to 73 × 5



Clear

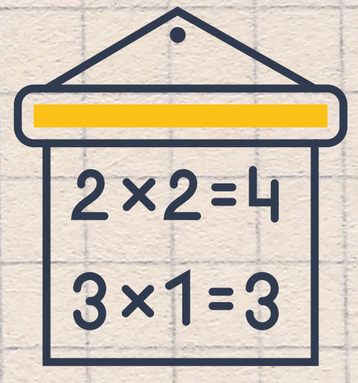
Undo

Redo

1 mark

MULTIPLICATION TIMES TABLES CHECK

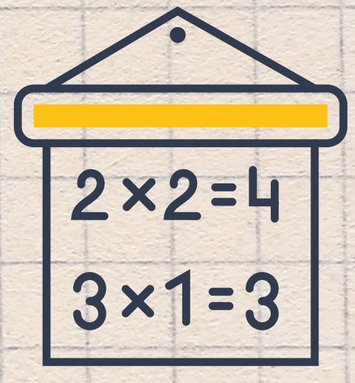
- The Multiplication Tables Check (MTC) is a key stage 2 assessment to be taken by pupils at the end of year 4 (in June). The MTC's purpose is to ensure the times tables knowledge is at the expected level.



- The Multiplication Times Tables Check is an online test where the pupils are asked 25 questions on times tables 2 to 12. For every question, you have 6 seconds to answer, and in between the questions, there is a 3-second rest.

Beckington Church First School
A Bath & Wells Academy

MULTIPLICATION TIMES TABLES CHECK



Multiplication Table	Minimum number of items in each form	Maximum number of items in each form
1	Not applicable	Not applicable
2	0	2
3	1	3
4	1	3
5	1	3
6	2	4
7	2	4
8	2	4
9	2	4
10	0	2
11	1	3
12	2	4

Key Stage	Items available	Minimum number of items in each form	Maximum number of items in each form
KS1	33	3	7
KS2	88	18	22

Beckington Church First School
A Bath & Wells Academy

RESOURCES

White Rose EDUCATION

nrich



Beckington Church First School
A Bath & Wells Academy

THANK YOU.

ANY QUESTIONS?