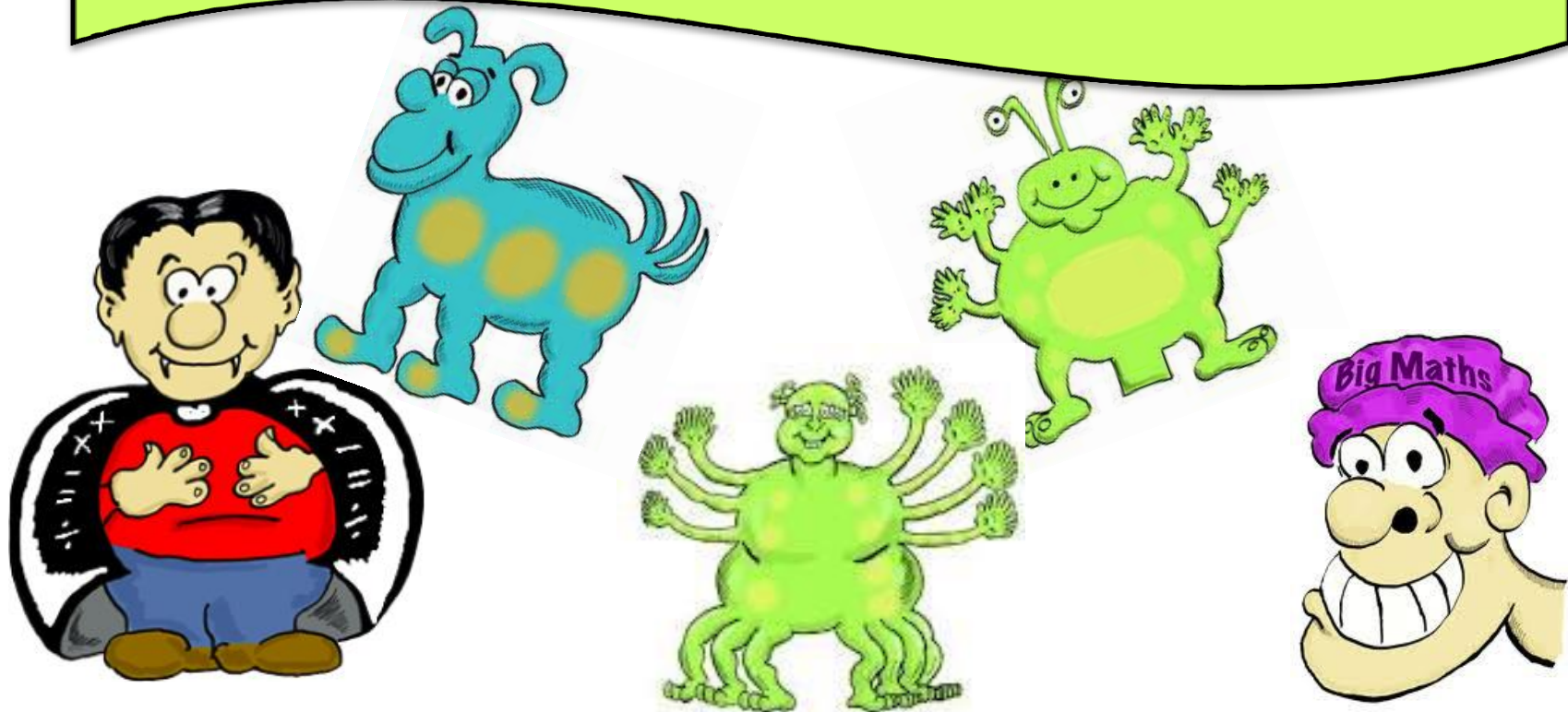




## Big Maths at Fernielea School



# What is Big Maths?

Big Maths is a teaching method that makes progress in Maths easy and fun for children and teachers.

It answers the question, “How do we get children properly numerate as they journey through school?”

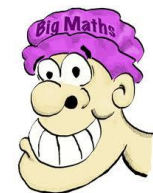
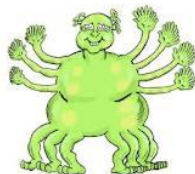
It is a daily dose of mental maths activities with a focus on learned facts and applying these facts. All skills are taught in the same way using the same language, repeatedly, to embed these important skills.

Big Maths provides children with a lively and fun experience as they learn with jingles, songs, games and the famous Big Maths characters.



# Why are we using Big Maths at Fernielea School?

- \* Clear progression
- \* Common methods and language taught
- \* Build on prior learning
- \* Numeracy development
- \* Improve mental maths skills



# CLIC

Big Maths is based upon the principle that there are 4 core skills that lie at the heart of numeracy.

These core skills form the platform for virtually all other maths skills and are affectionately known as CLIC ....

**C** - Counting

**L** - Learn Its

**I** - It's Nothing New

**C** - Calculation





# What will happen on Friday?

Fridays will be our Challenge session

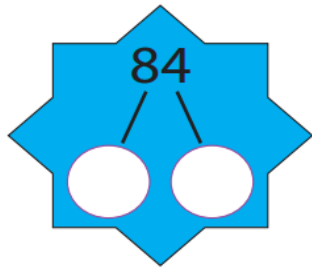
Big Maths Beat That – timed challenge

CLIC test – A weekly assessment





# What will happen on Friday?



Write out the factor family for:

$8 + 9 = 17$

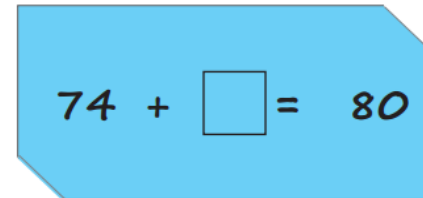
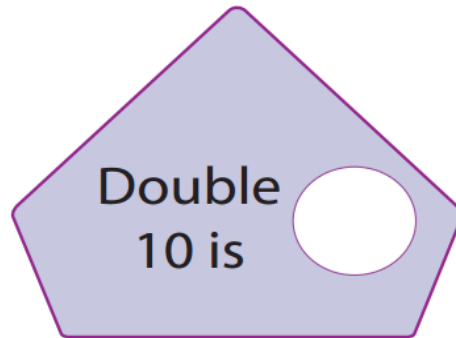
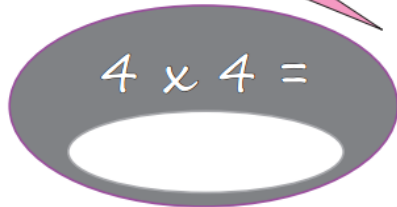
Name: \_\_\_\_\_

$40 + 40 =$



Draw a ring around the odd numbers

97    45    68    5



C2  
5



# Strategies used in Big Maths

<b>Addition</b>	<b>Subtraction</b>	<b>Multiplication</b>	<b>Division</b>
With Objects Number Lines Hundred Squares Partitioning Partitioned Column Column	With Objects Number Lines Hundred Square Blank number line - (Counting on)	Grouping objects Drawing dots Repeated addition Using known facts Smile Multiplication	Sharing Halving Sharing equally groups of... Using objects to solve Using times table facts Using coin facts



# It's Nothing New

Some of the key elements of this aspect of CLIC are:

- \* Adding with Pim
- \* Jigsaw Numbers
- \* Coin Multiplication
- \* Smile Multiplication
- \* Count Fourways



Total 9  
(90)

3	6
6	4

Total 10

= 100

# Smile Multiplication



$$\underline{30} \times \underline{80} = 24\underline{00}$$

24

- Do the tables bit
- Count the zeros in the question
- Put the zeros on your answer!

# How can I support my child?

Help your child to practice their 'Learn Its' at home. Each child will have a copy of their Learn Its for each term. These are also available on our website.

Ask your child to tell you about Big Maths.

Praise! Celebrate the successes.

Visit the publishers website:

<http://www.andrelleducation.co.uk/courses/numeracy/big-maths/>



Any Questions?

**Big** Maths

