

# KS1 Maths Parent workshop

Thursday 23<sup>rd</sup> January 2025



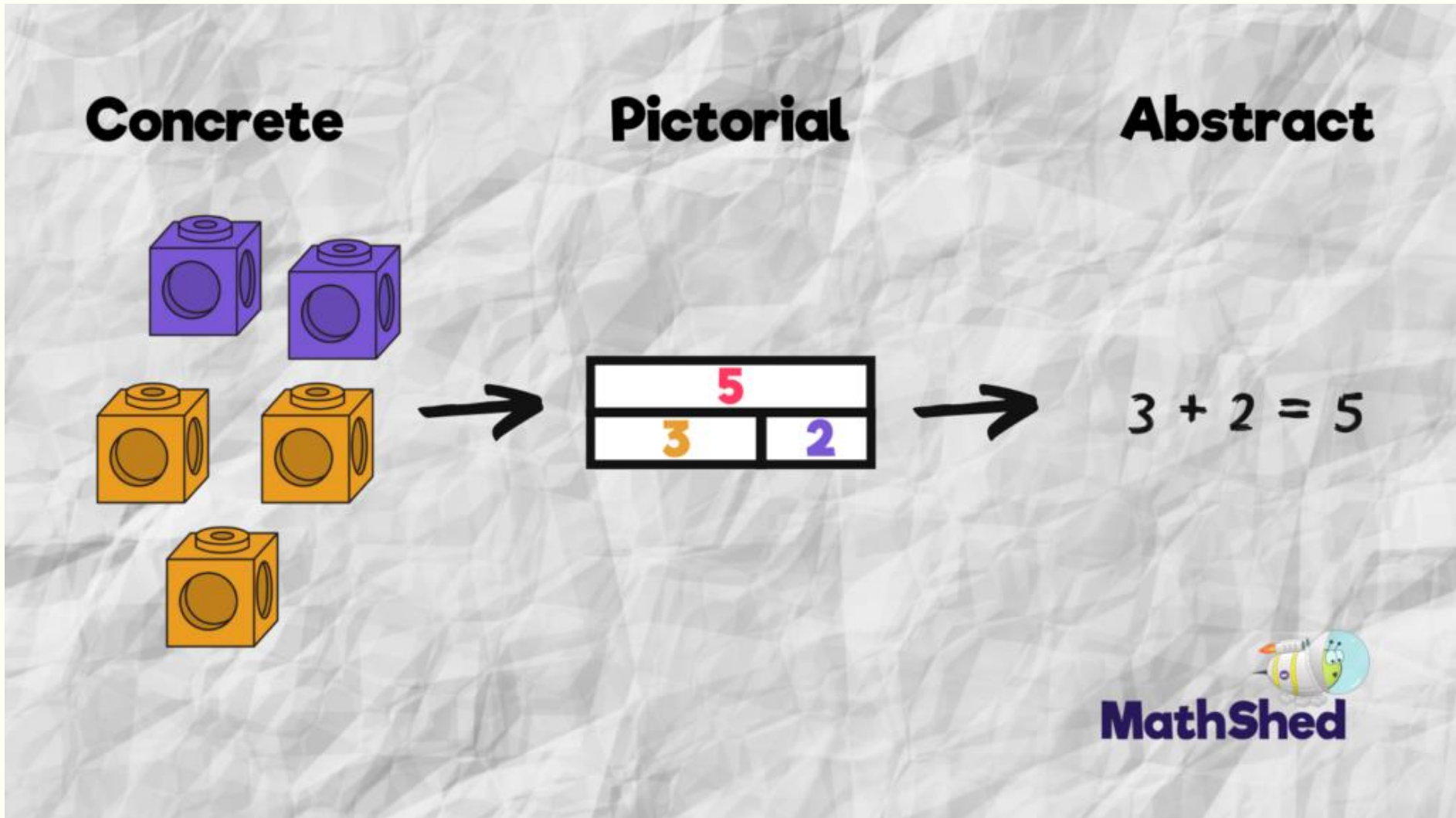
# Brief overview:

- Long term plan for Maths
- CPA approach and resources
- Parents' booklets and modelling of key methods
- Useful websites
- Q&A

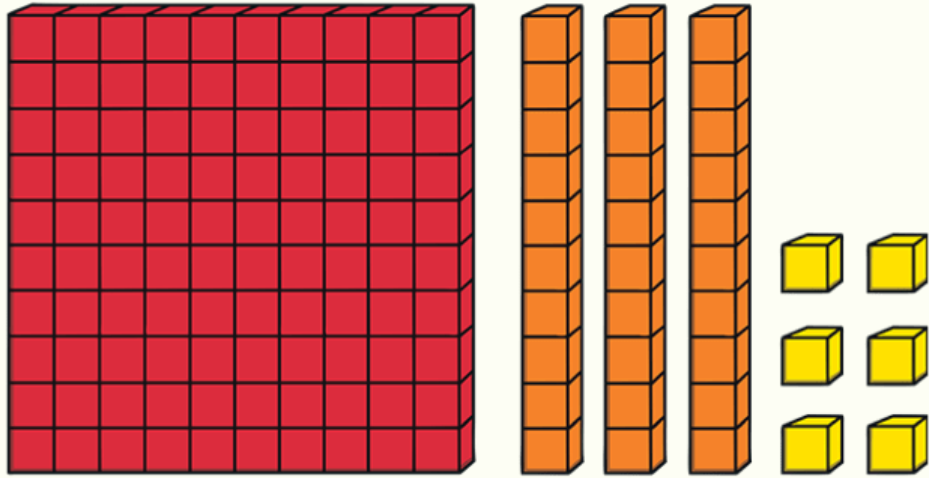
# Year 1/2 Maths overview

Autumn term	<p>Number</p> <hr/> <p><b>Place value</b> (within 20)</p> <p><a href="#">VIEW</a></p> <p><i>Free trial</i></p>	<p>Number</p> <hr/> <p><b>Addition and subtraction</b> (within 20)</p> <p><a href="#">VIEW</a></p>	<p>Number</p> <hr/> <p><b>Place value</b> (within 100)</p> <p><a href="#">VIEW</a></p>	<p>Geometry</p> <hr/> <p><b>Shape</b></p> <p><a href="#">VIEW</a></p>		
Spring term	<p>Number</p> <hr/> <p><b>Addition and subtraction</b> (within 100)</p> <p><a href="#">VIEW</a></p>	<p>Number</p> <hr/> <p><b>Multiplication and division</b></p> <p><a href="#">VIEW</a></p>	<p>Measurement</p> <hr/> <p><b>Length and height</b></p> <p><a href="#">VIEW</a></p>	<p><b>Statistics</b></p> <p><a href="#">VIEW</a></p>	Consolidation	
Summer term	<p>Measurement</p> <hr/> <p><b>Money</b></p>	<p>Number</p> <hr/> <p><b>Fractions</b></p>	<p>Measurement</p> <hr/> <p><b>Time</b></p>	<p>Measurement</p> <hr/> <p><b>Mass, capacity and temperature</b></p>	<p>Geometry</p> <hr/> <p><b>Position and ...</b></p> <p><a href="#">VIEW</a></p>	Consolidation

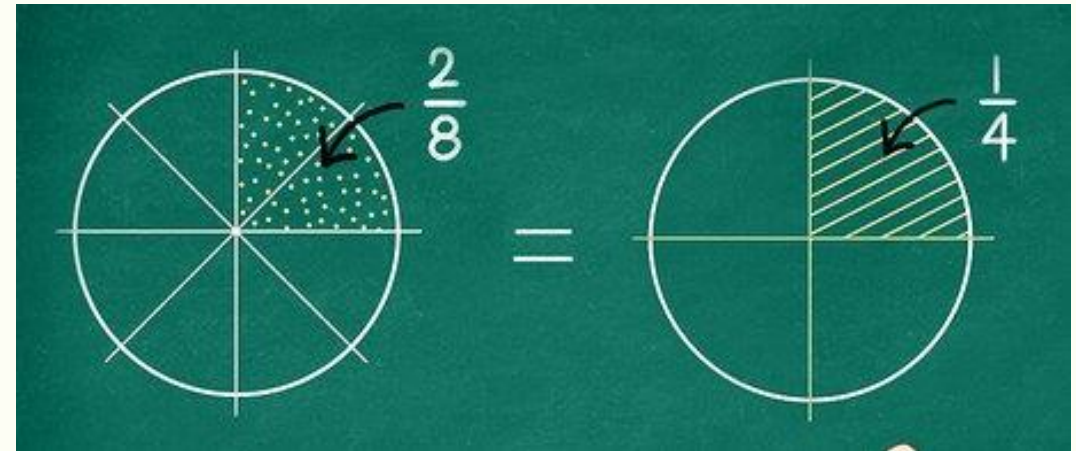
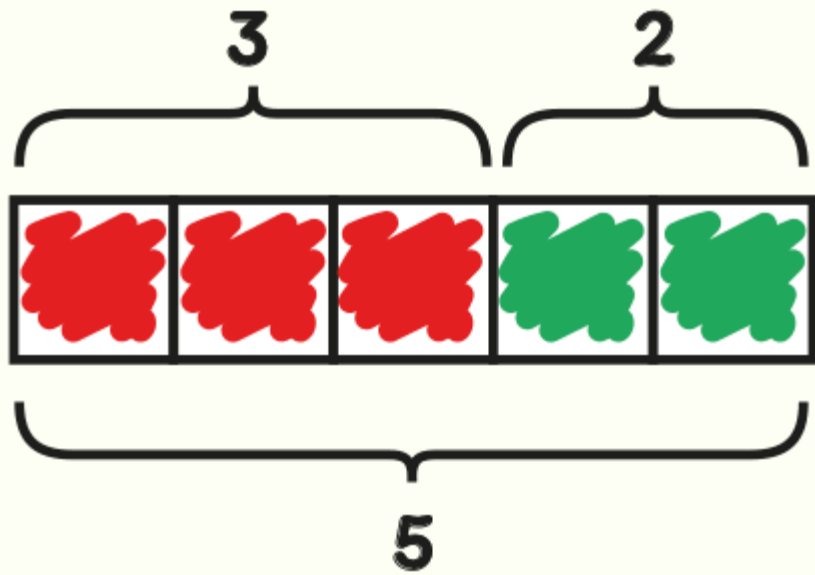
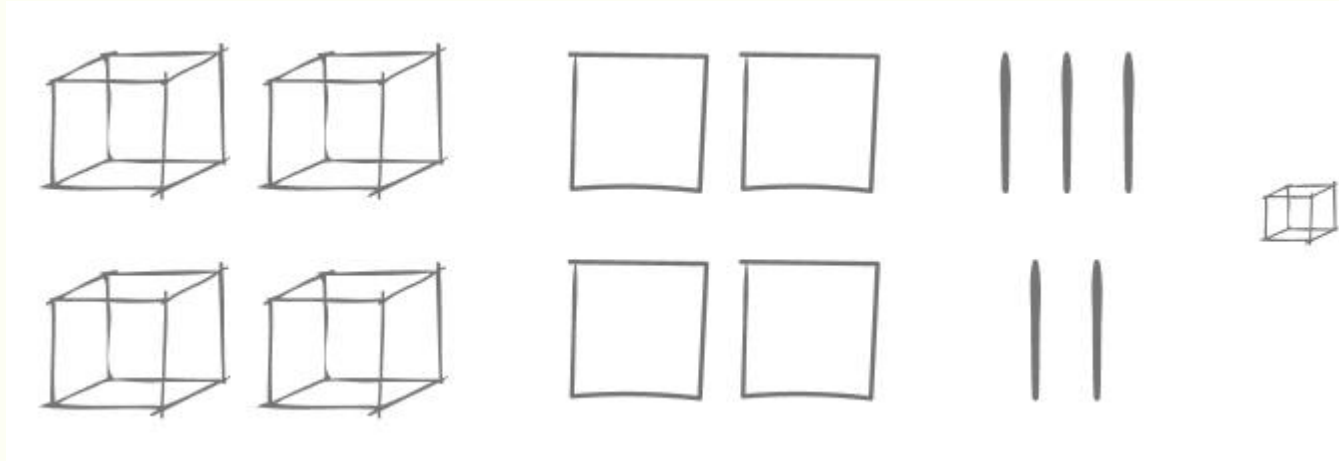
# The CPA approach



# Concrete resources



# Pictorial



# Abstract

	1	4
+	2	3
	3	7

$$\frac{5}{3} + \frac{2}{3} = \frac{7}{3}$$

# Parents' booklet

Please see the booklet for your child/children's year group(s).

These can also be found on the school website on the individual class pages in the 'Files to download' section.

## Files to Download

[Year 2 Calculation.docx](#)

[Year 1 Calculation.docx](#)





# Key skills

- 1/10 more and less than a number
- Quick mental addition and subtraction to 10, 20, 100
- Quick mental multiplication and division 2s, 5s and 10s
- Times tables 2s, 5s and 10s
- Doubling and halving
- Number bonds to 10/20/100

**These are fundamental skills needed across the entire maths curriculum.**

# TT Rockstars

<https://ttrockstars.com/>



## Garage

- Personalised questions
- Good for practising the timestables that they are struggling with



# Heatmaps

Click on avatar

My stats

Fluency



# TT Rockstars

<https://ttrockstars.com/>



## Jamming

- No timer
- Students pick the questions
- Good for raising confidence



# TT Rockstars

<https://ttrockstars.com/>



## Studio

- 1 minute long
- All tables up to 12 x 12
- Good for improving speed



# TT Rockstars

<https://ttrockstars.com/>



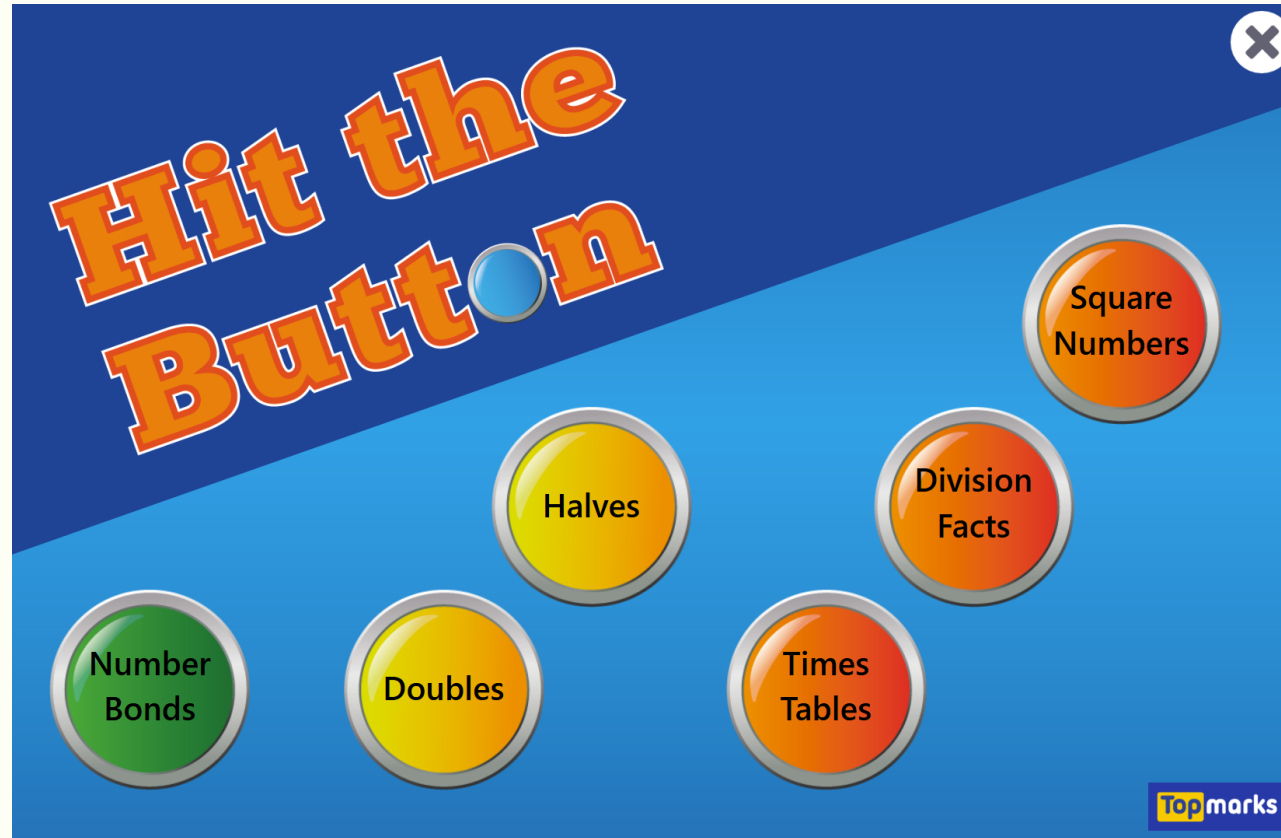
## Soundcheck

- 25 multiplication questions
- All tables up to  $12 \times 12$
- 6 seconds per question
- Same format as the multiplication timestable check in Year 4



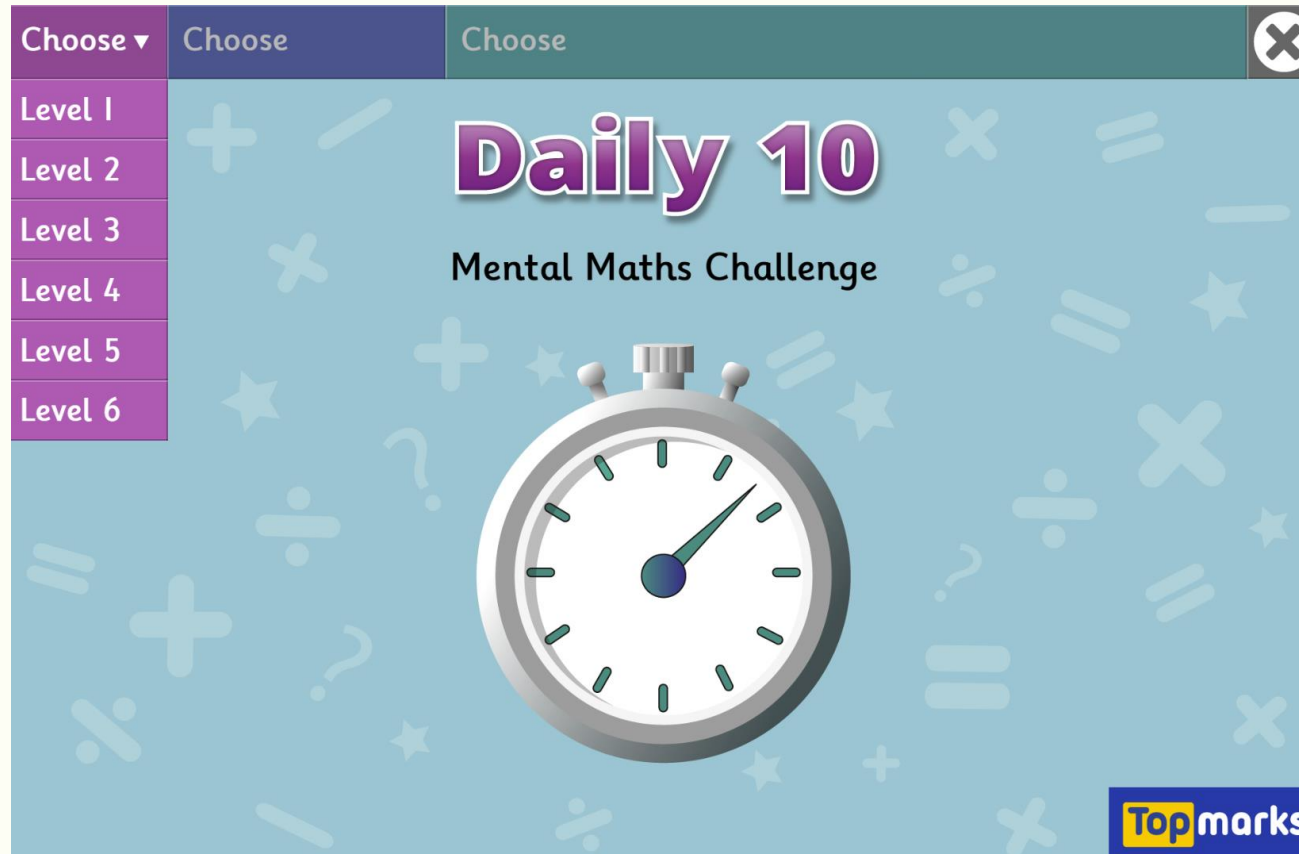
# Topmarks - Hit the button

<https://www.topmarks.co.uk/maths-games/hit-the-button>



# Topmarks - Daily 10

<https://www.topmarks.co.uk/maths-games/daily10>



The screenshot shows the interface for the 'Daily 10' mental maths challenge. At the top, there are three 'Choose' buttons and a close button (X). On the left, a vertical menu lists levels from Level 1 to Level 6. The main area has a light blue background with math symbols like '+', '-', 'x', '=', and '?' scattered around. In the center, the text 'Daily 10' is written in a large, purple, stylized font, with 'Mental Maths Challenge' below it in a smaller, black font. A large, detailed stopwatch is positioned in the lower center of the main area. The Topmarks logo is visible in the bottom right corner.



# Maths bot

Useful for creating worksheets that you can print out. You can click on individual questions and create a new worksheet, which will generate a sheet with just that type of question.

<https://mathsbot.com/primaryMenu>

Then look for the individual year groups.

1	$5 + 3 = \square$	<input type="radio"/>	14	$18 \div 2 = \square$	<input type="radio"/>
2	$6 - 1 = \square$	<input type="radio"/>	15	$37 - 25 = \square$	<input type="radio"/>
3	$12 + 3 + 5 = \square$	<input type="radio"/>	16	$47 - 20 = \square$	<input type="radio"/>
4	$19 - 1 = \square$	<input type="radio"/>	17	$75 - 8 = \square$	<input type="radio"/>
5	$10 \times 10 = \square$	<input type="radio"/>	18	$90 \div 10 = \square$	<input type="radio"/>
6	$50 - 10 = \square$	<input type="radio"/>	19	$44 + 46 = \square$	<input type="radio"/>
7	$6 + 41 = \square$	<input type="radio"/>	20	$\square = 25 - 3$	<input type="radio"/>
8	$5 \times 9 = \square$	<input type="radio"/>	21	$\frac{1}{4}$ of 8 = $\square$	<input type="radio"/>
9	$95 + 6 = \square$	<input type="radio"/>	22	$\frac{1}{2}$ of 30 = $\square$	<input type="radio"/>

# Day-to-day maths:

- Chanting times tables in the car to school
- Pick one times table question to crack and do random quizzes!
- Timestable songs on YouTube
- Baking and cooking together
- Shopping
- Telling the time, e.g. ask children to work out what time their programme will finish if they have 10 more minutes
- Word problems in everyday life, e.g. 'You've eaten two eighths of this pizza, I've eaten one eighth. How many eighths are left?'
- Maths games, e.g. dominoes, 24 game

Thank you!

Q&A

