

# NUMERACY

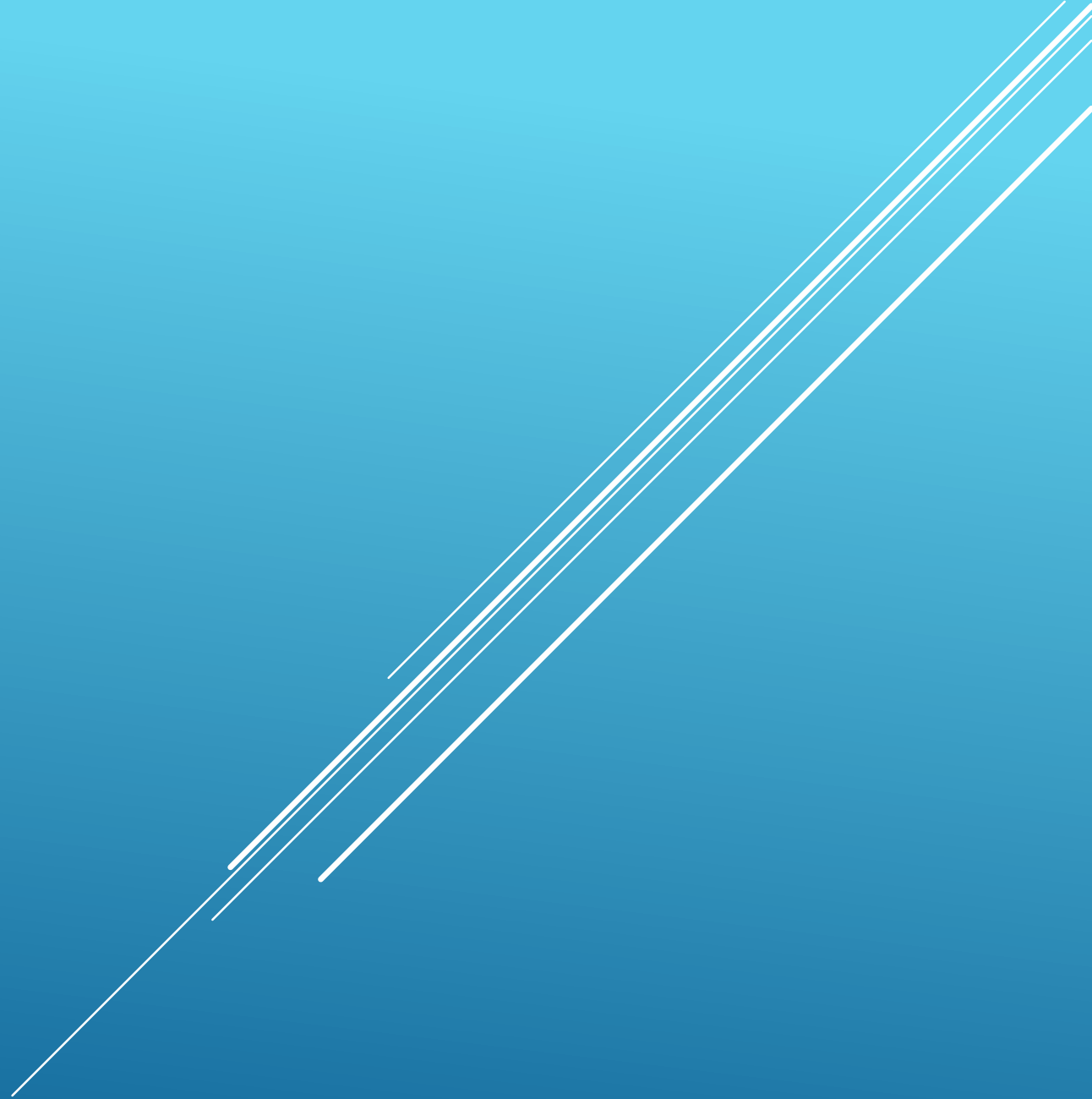
## 3 OCTOBER 2019



- Welcome
- Number
- Fractions
- Time



NUMBER



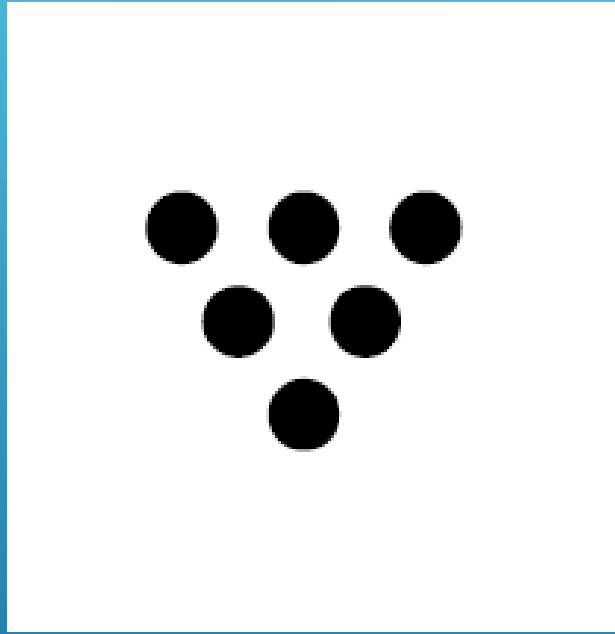
# NUMBERS

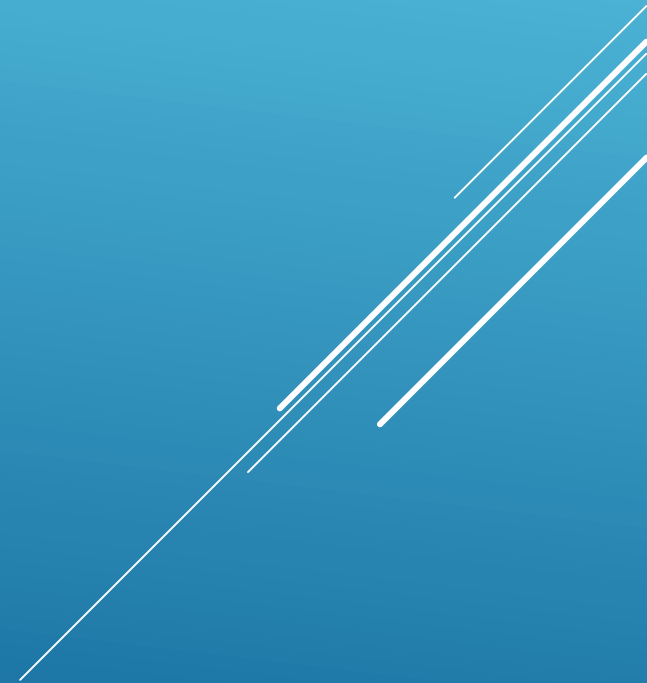
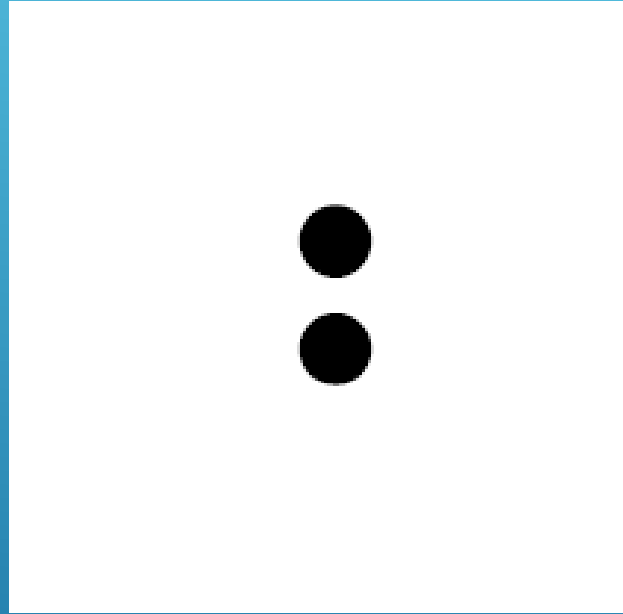
- ▶ Walking down the street – Odd and Even.
- ▶ Going Shopping – Calculate change.
- ▶ Play number games – Monopoly, Cards, Dominoes.
- ▶ Be an actor!
- ▶ Be a geek!
- ▶ Lots of 'Hands-on' Maths. – The 3 Cs of Maths 'Cash, clocks and cooking'. ('Maths for Mums and Dads', Rob Eastaway and Mike Askew)
- ▶ Do not be right all the time!

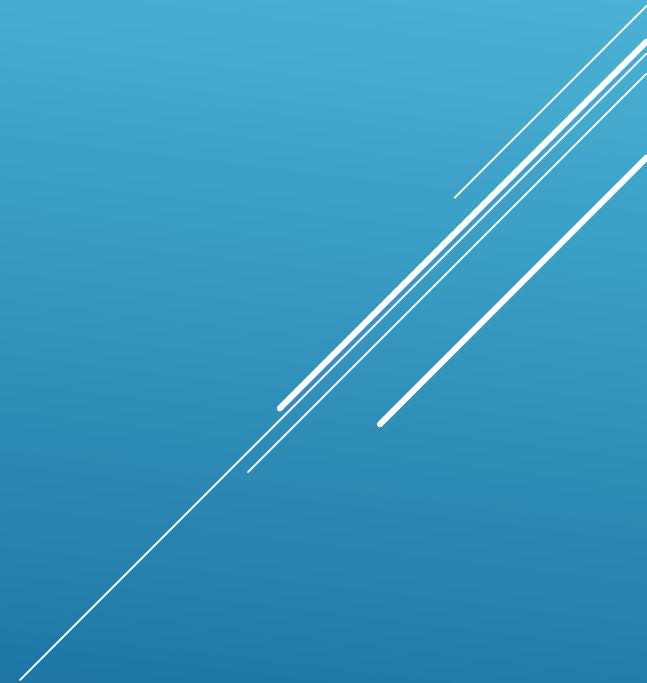
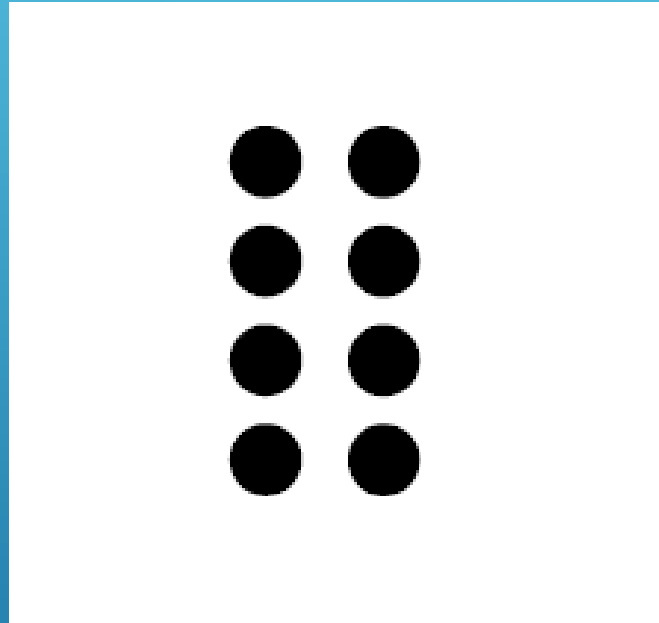
# SUBITISING

- ▶ Instantaneously recognise the number of objects in a group without counting them.

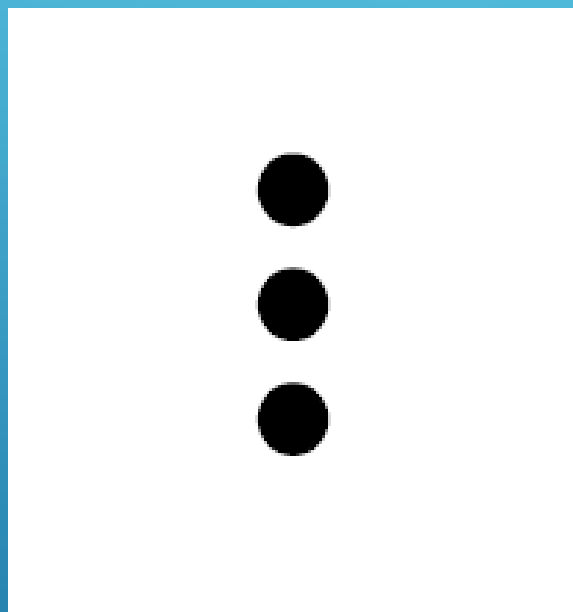












●	●
●	●
●	●



●	●
	●
	●
	●



	●
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	●
	●



# GAME 1: TWENTY

- ▶ Two or more players take it in turns to count to 20 (or an other number).
  - ▶ You may say up to three numbers.
  - ▶ You must start and zero!
  - ▶ The player who says '20' loses.
- ▶ 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17  
18 19 20
- ▶ Introduces groupings – Linked to multibuy in the Supermarket.









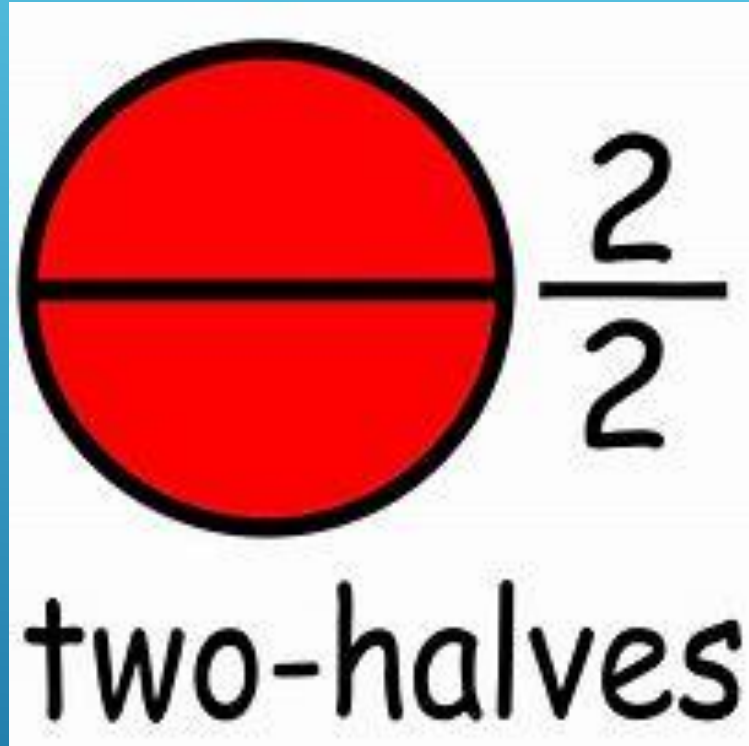
# HELPFUL HOUSEHOLD ITEMS

- ▶ 12 and 24 hour clock.
  - ▶ Wall Calendar.
  - ▶ Board games with dice and spinners.
  - ▶ Playing cards.
  - ▶ A simple calculator.
  - ▶ Pasta, Smarties etc.
  - Family size bar of chocolate.
  - Fridge magnet / bathroom numbers.
  - Dartboard.
  - Dominoes.
  - Cool Dice.
- 



# Fractions



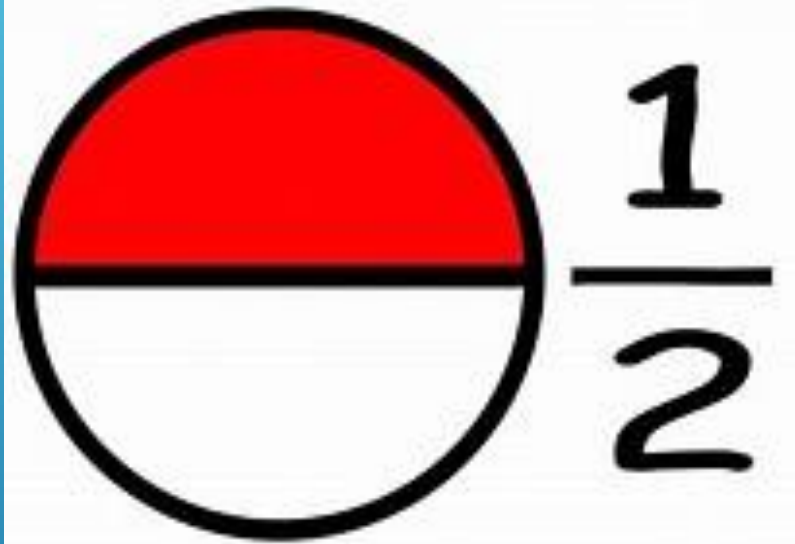


$$\frac{2}{2}$$



Colour in a half or a quarter of a shape.

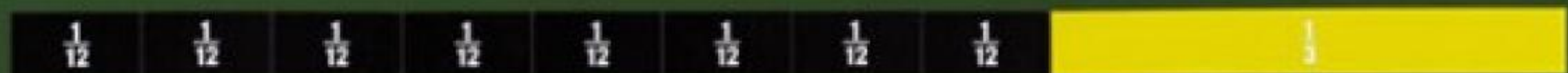




$$\frac{1}{2}$$

one-half





# Writing fractions







Numerator

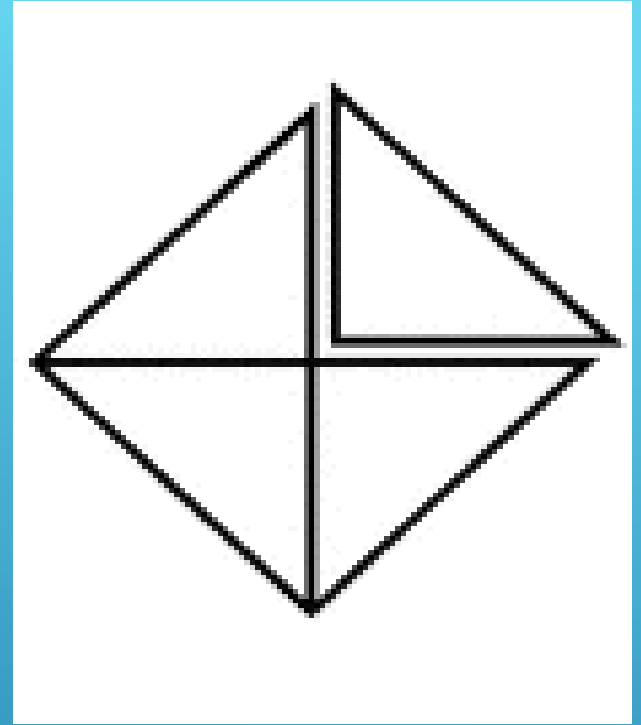
Denominator

1 equal part out of a possible 4 equal parts



Mark out fractions of shapes.

The image features a solid blue background with a gradient from light blue at the top to a darker blue at the bottom. In the center, the text "Mark out fractions of shapes." is written in a bold, yellow, sans-serif font. In the bottom right corner, there are several white, parallel diagonal lines of varying lengths, creating a decorative graphic element.



<https://homeschoolclipart.com/math/fraction-clipart/>

**Find fractions of amounts**

The image features a blue gradient background. In the center, the text "Find fractions of amounts" is written in a bold, yellow, sans-serif font. In the bottom right corner, there are several white, parallel diagonal lines that create a sense of motion or a modern design element.

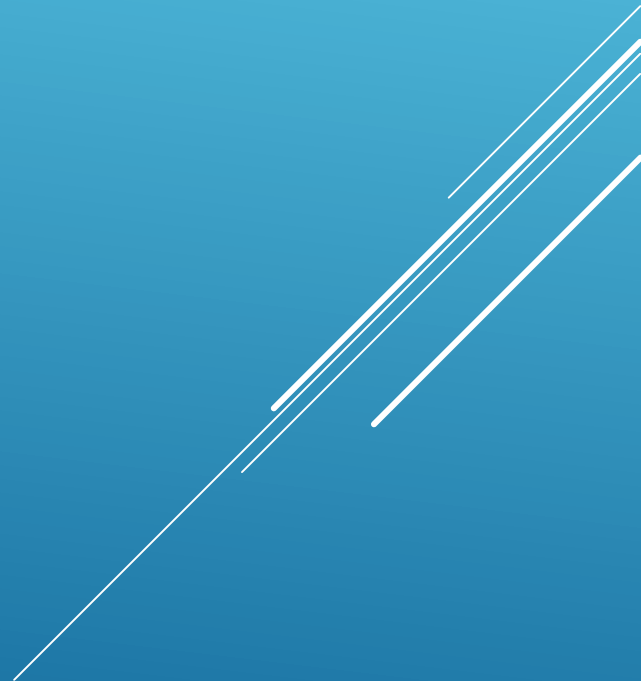
1  
— of 2  
2



1



$$\frac{1}{5} \text{ of } \pounds 10$$





£5



# Fractions in everyday life



**Food is a fantastic fractions resource.**

A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, located in the lower right quadrant of the slide.

Try doing some pizza making – have them put different toppings evenly across a pizza. Then encourage them to work out, for example, if they've put 10 olives evenly on the pizza and cut the pizza into 5 even pieces, how many olives on each?



Chocolate that is marked out in sections is another good edible resource. Ask your child to say how many sections would make up one third of the bar. If they answer correctly, let them eat that fraction. Ask them to find, for example, a quarter of the remaining piece for their friend to eat.

**equivalent** Pizza Fractions, free, [Apple](#)

Booop Bop: Bingo Fractions, £2.99, [Apple](#)

Fractions +, 99p, [Apple](#)

Fractions with Trains, free, [Apple](#)

Tiny Fractions, £4.99, [Apple](#)

Color Fractions, 99p, [Apple](#)

Learn It Flashcards: Introduction to Fractions, 99p, [Apple](#)

Fractions & Decimals, 99p, [Apple](#)

Squeebles Fractions, £1.99, [Apple](#) and [Android](#)



# Time



Steps to telling the time?  
What do we do in  
school?

A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.



## **Early**

Seasons, Routines and events in my world

## **First**

Telling the time (12 hour clock),  
using a calendar, using timers

## **Second**

Durations of journeys, using timetables for events/journeys

# Primary 7 Questions

AK 421 Manchester – departure time

1145

Check in time - 1 hour before  
departure

Boarding time 20 minutes before  
departure.

What time is check in and boarding?

**Any Questions?**

**Please come and have a look at the  
time resources at the end of the  
presentation.**

Decorative white lines consisting of several parallel diagonal strokes in the bottom right corner of the slide.