

Maths in Stories



Ten Little Monsters— Celebrate Halloween with this monster stomp of a book, which can help with counting forward and backwards to 10.

Maths joke!



October Maths Challenge-



Thomas Fuller was an enslaved man known for his mental maths ability. Thomas was born in Africa but at the age of 14, he was enslaved and shipped to America. Thomas' numeracy skills were talked about throughout the east coast of America and his skill was used as proof that enslaved Africans were intelligent.

When Thomas Fuller was around 70, his skills were put to the test— he was asked how many seconds are in a year and a half. Can you calculate it?

1 minute = 60 seconds

1 hour = $60 \times 60 = 3600$ seconds

1 day = $24 \times 3600 = 86\,400$ seconds

1 year = $365 \times 86\,400 = 31\,536\,000$ seconds

1"1" /"2" years = $1.5 \times 31\,536\,000 = 47\,304\,000$ seconds

It took Thomas Fuller just 2 minutes.

CHALLENGE-

1. Can you calculate how many seconds will you have lived when you turn 18?
2. Assuming you were born at midnight, calculate your age in seconds at the start of today (midnight).

Where's the maths?



What mathematical vocabulary can you use to describe what you see?

- How many spiders are there?
- How many eyes can you see all together?
- How many legs can you see all together?
- Can you multiply the number of legs by the number of eyes?
- How many legs would there be if 3 spiders ran away? What about eyes?



Halloween special

Inspiring and Influential Mathematicians Celebrating Black History Month

Anne-Marie Imafidon was born in London in 1990. At the age of 11, she passed her A level in Computer Science – the youngest girl ever to do so. By 20 years old, she received her master's degree in Mathematics and Computer Science from the University of Oxford. Her innovative nature, led her to cofound Stemettes, an award-winning social enterprise that supports young women and non-binary people to explore science, technology, engineering and maths (known as STEM). In 2021, Anne-Marie became the co-host of Countdown; the first black co-host of the show.

Diversity & Inclusion in Maths

