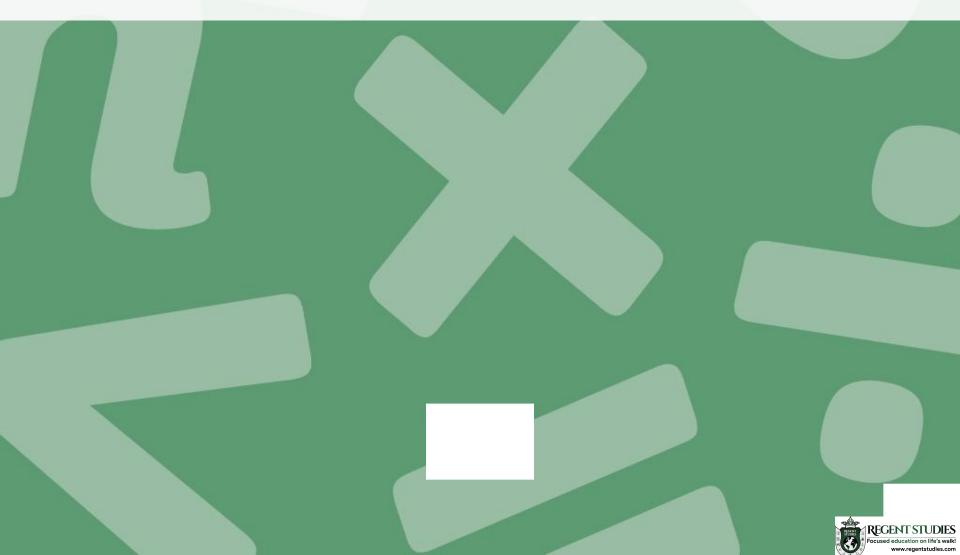




The Sieve of Eratosthenes



Aim

• I can find all of the prime numbers up to 100.

Success Criteria

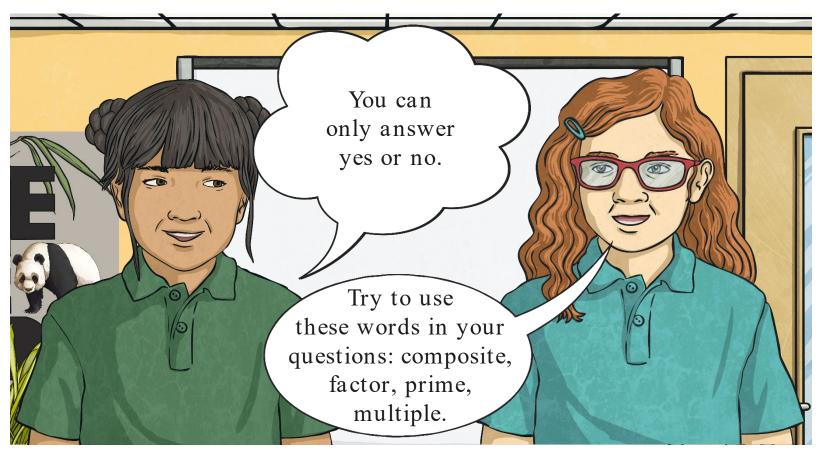
- I can explain what a prime number is.
- I can use The Sieve of Eratosthenes to identify prime numbers.



What Am I?



Split into pairs, one person will be the Thinker and the other will be the Guesser.

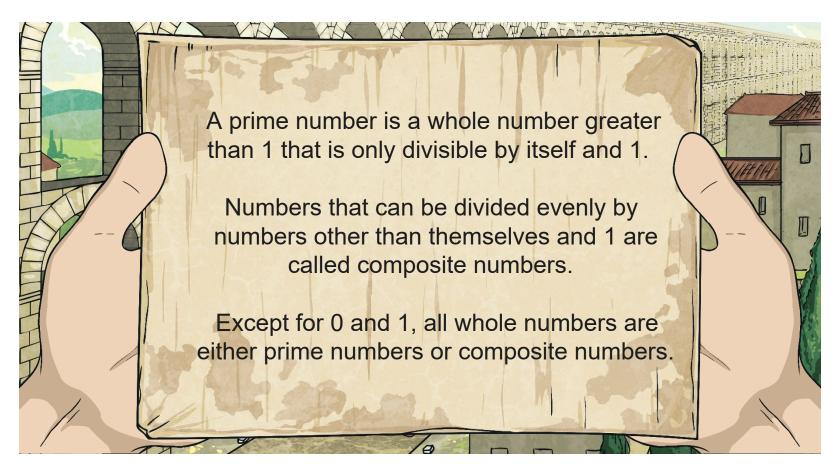




What Is a Prime Number?



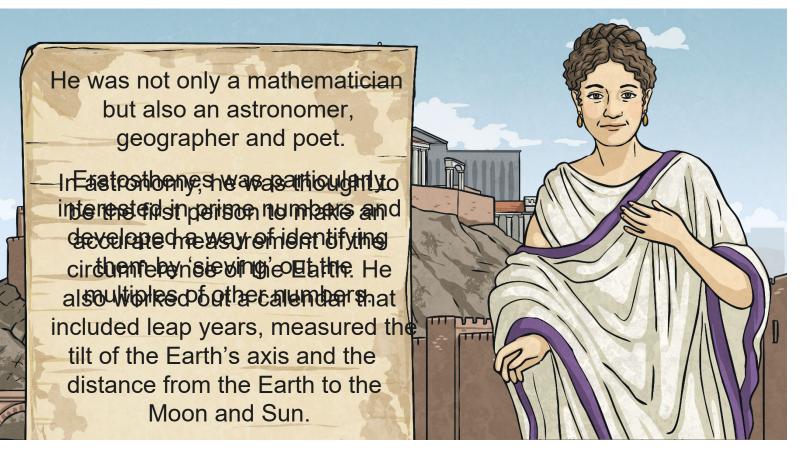
What is a prime number?





Who Was Eratosthenes?

Eratosthenes was an Ancient Greek mathematician who lived between 276 and 194 BC.

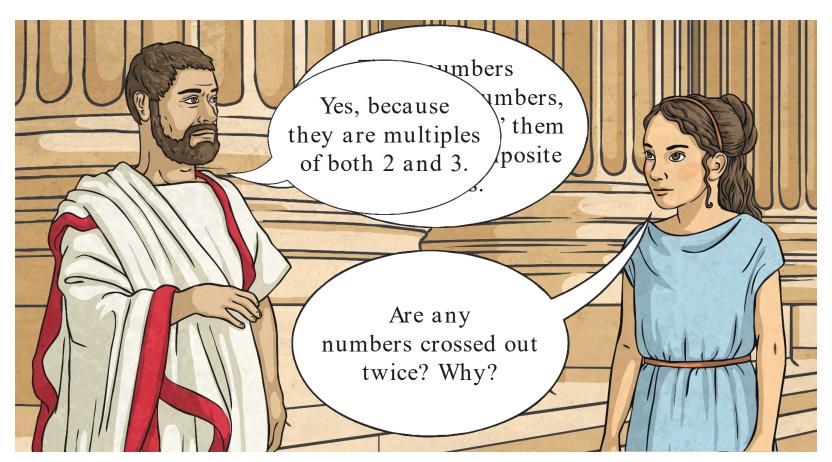




The Sieve of Eratosthenes



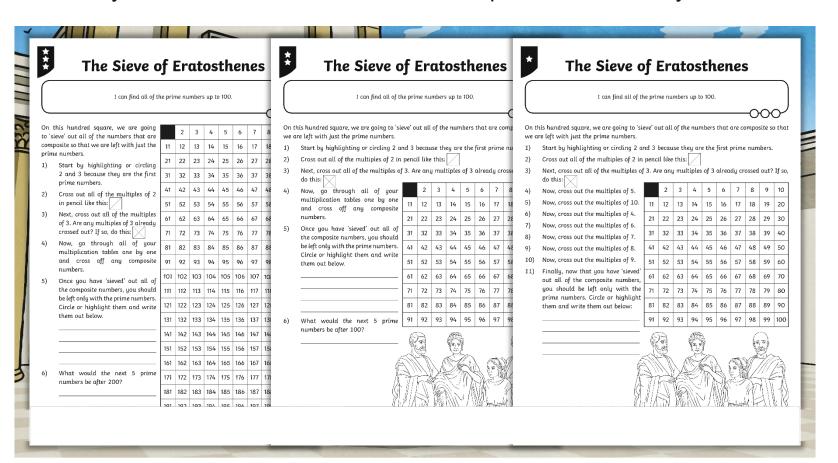
What is a sieve? What might we use a sieve for?



The Sieve of Eratosthenes Activities



Use your marvellous maths skills to complete these activity sheets:



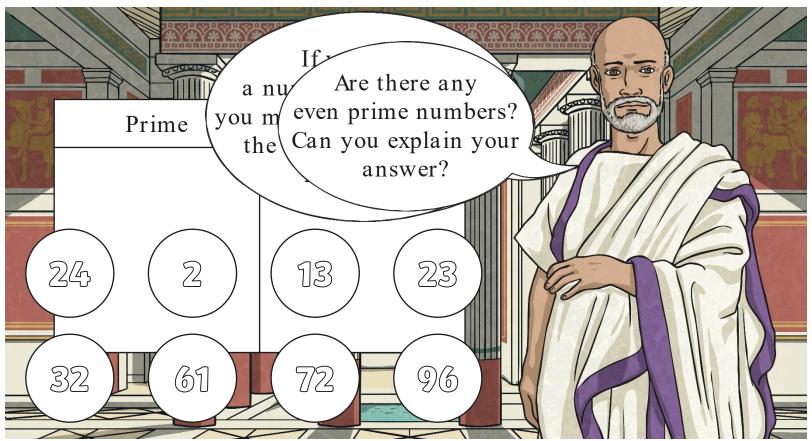


Are These Numbers Prime Numbers?



Turn over your The Sieve of Eratosthenes Activity Sheet.

No peeking allowed!





Aim



• I can find all of the prime numbers up to 100.

Success Criteria

- I can explain what a prime number is.
- I can use The Sieve of Eratosthenes to identify prime numbers.



