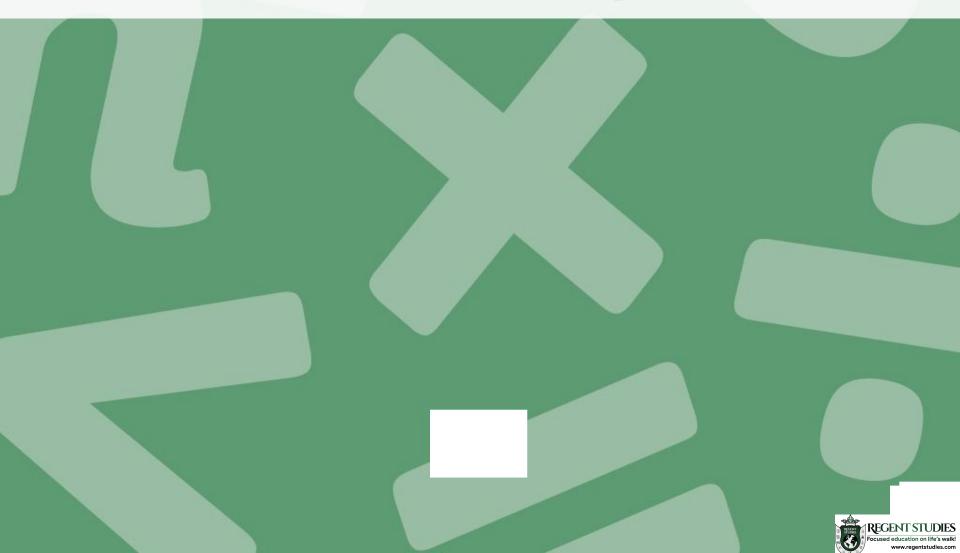




## Primes and Squares



#### **Aim**

• I can prove or disprove statements about prime numbers.

#### **Success Criteria**

- I can identify prime numbers.
- I can identify square numbers.
- I can find examples to prove or disprove statements about prime numbers.



### The Big Question

Can square numbers be made by adding two prime numbers together?





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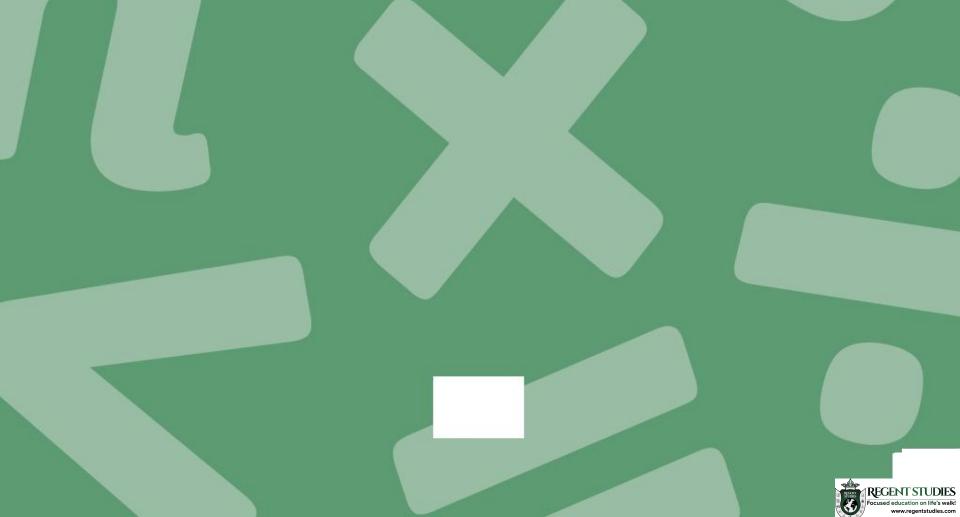
Exploring

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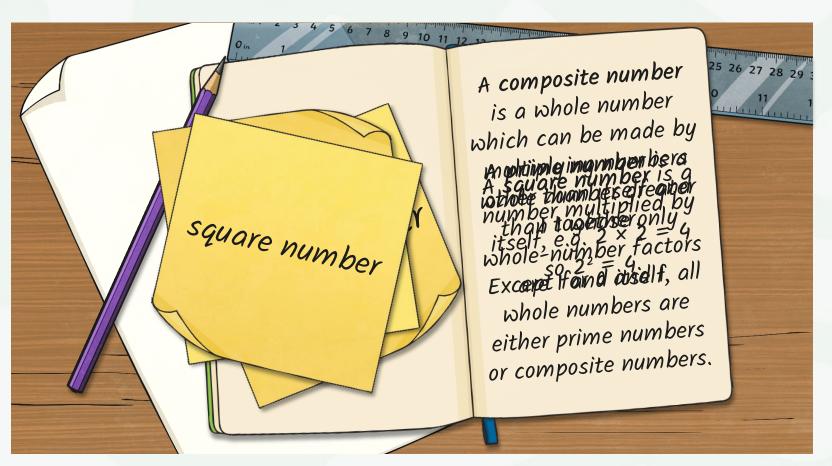
# Beginning



### Warm-Up



What do these words mean?

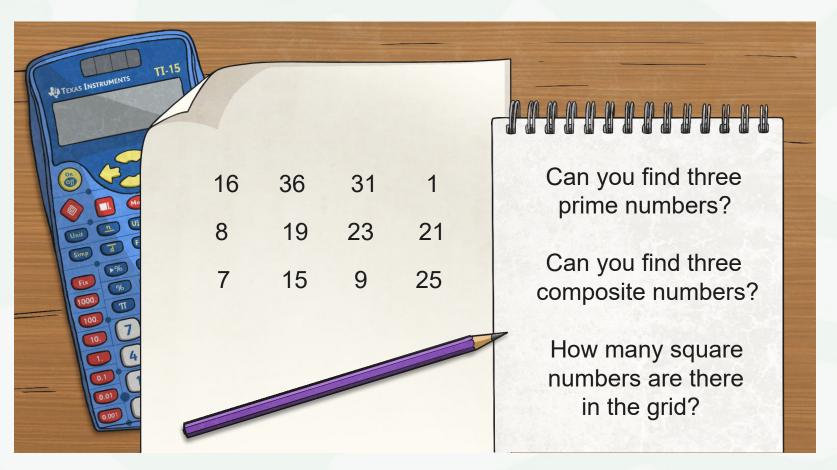




### Warm-Up

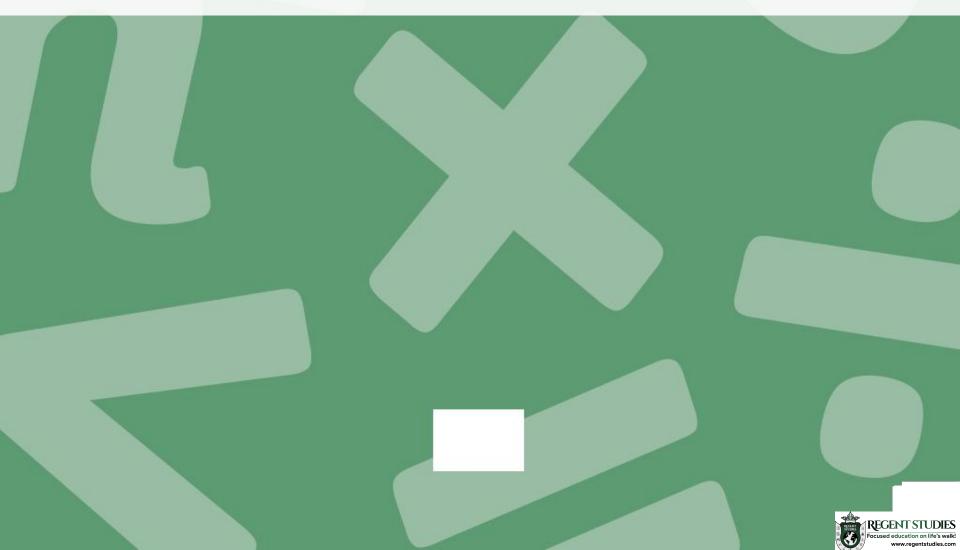


Work as a class to answer these questions:



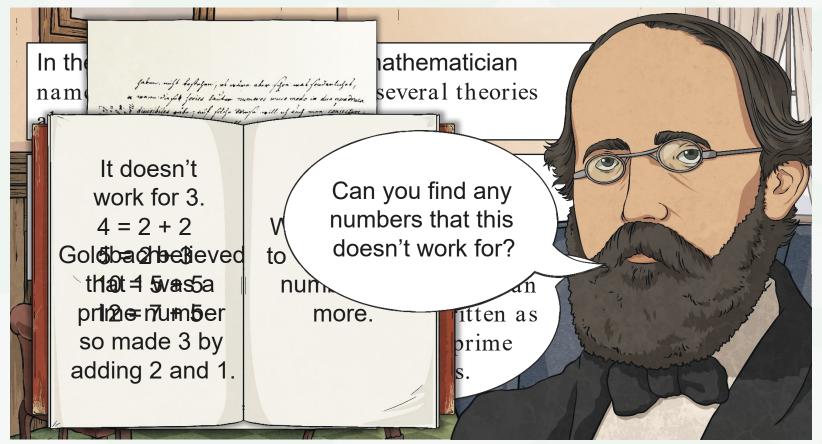


## Preparing



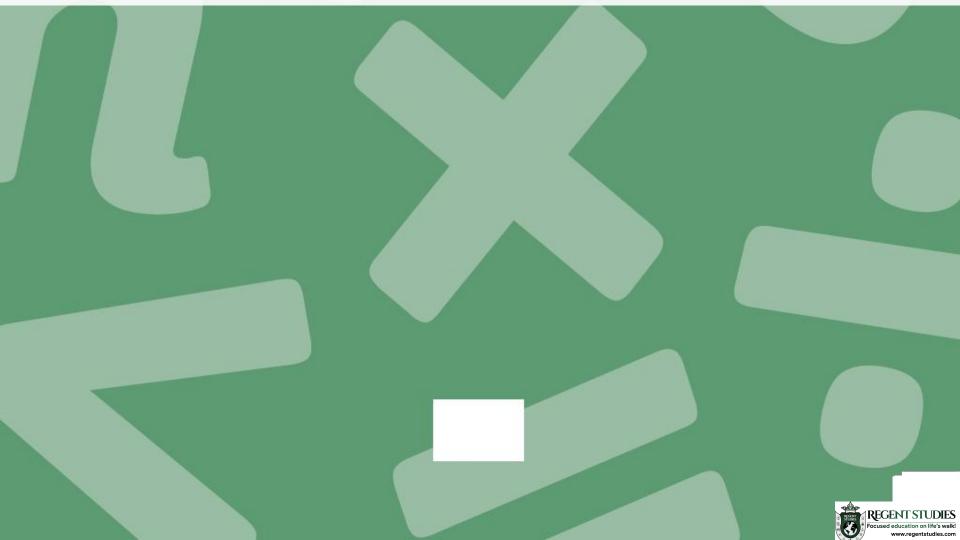
#### Goldbach

Mathematicians like to solve problems, but sometimes they are unable to prove their theories completely.





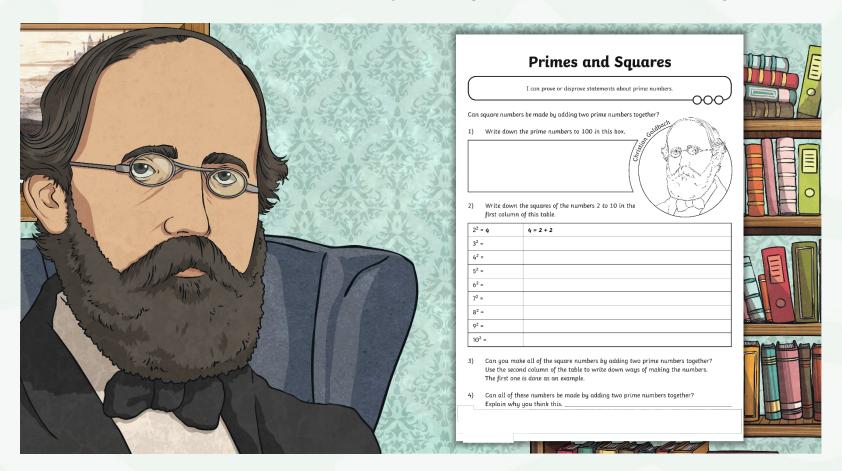
## **Exploring**



## Exploring



Can square numbers be made by adding two prime numbers together?





## Reviewing



## Reviewing



Can square numbers be made by adding prime numbers together?





## The Big Question



Can square numbers be made by adding two prime numbers together?





#### **Aim**



• I can prove or disprove statements about prime numbers.

#### **Success Criteria**

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