



# Maths

## Multiplication and Division

# Find the Primes



# Aim

- I can name all of the prime numbers to 20.

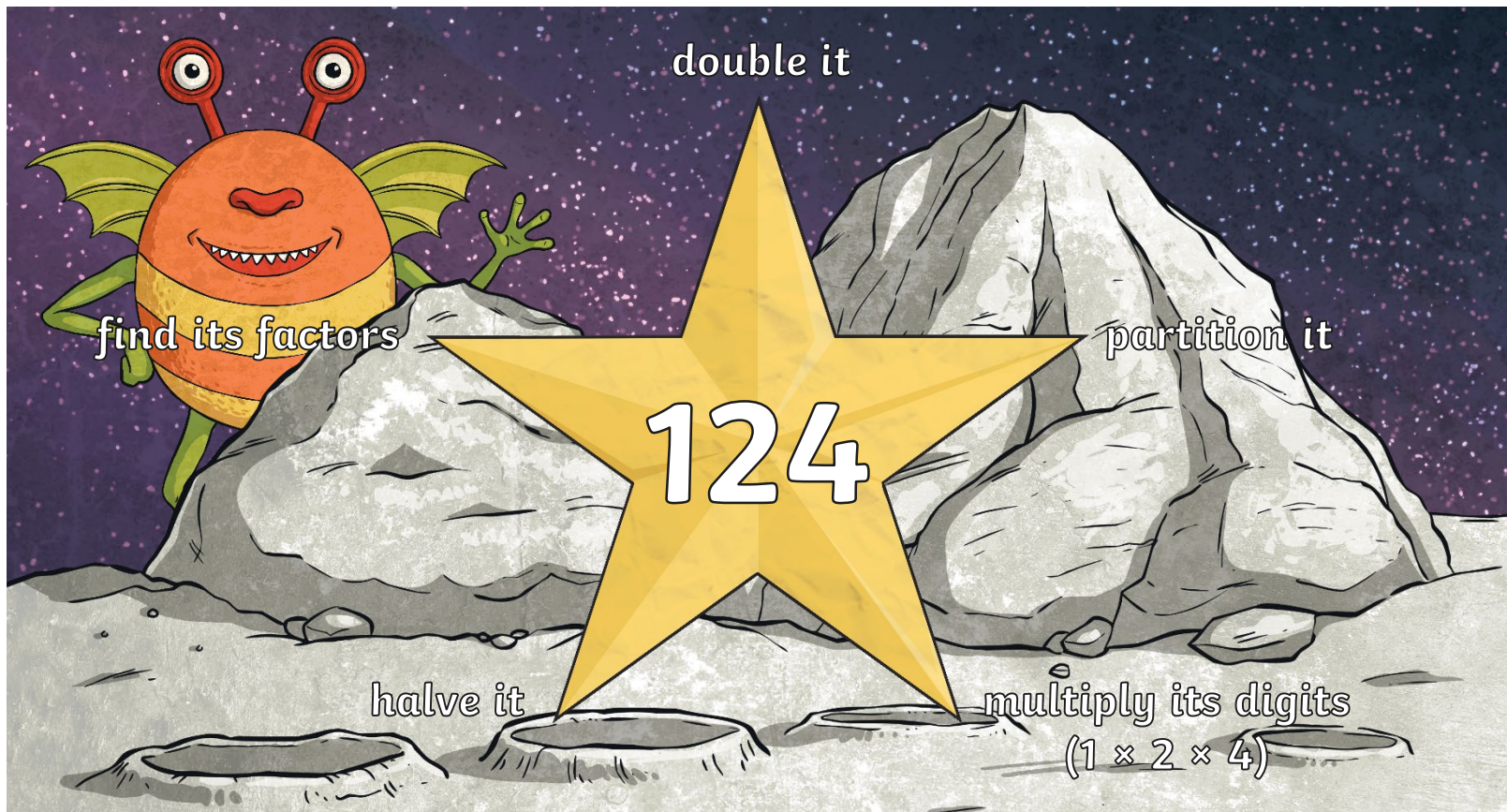
# Success Criteria

- I can explain what a prime number is.
- I know that 2, 3, 5, 7, 11, 13, 17 and 19 are prime numbers.

# Star Number



Work out the number that belongs on each point of the star.



# Star Number



Work out the number that belongs on each point of the star.



# What Is a Prime Number?

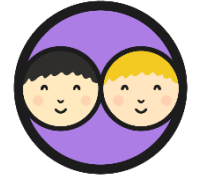


Can you remember what a prime number is?

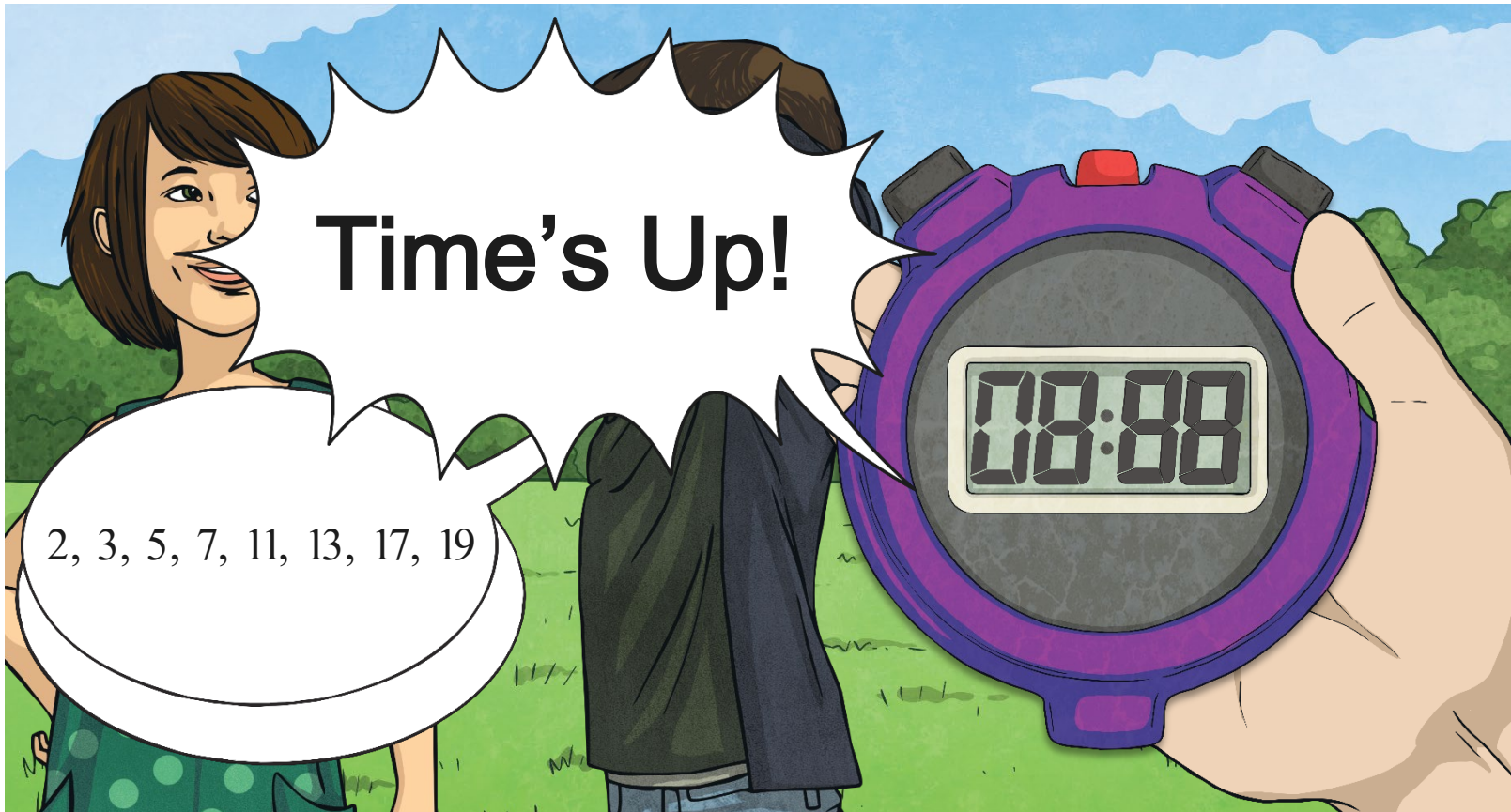


Except for 0 and 1,  
all whole numbers are  
either prime numbers or  
composite numbers.

# Prime Numbers to 20



With your partner, see how quickly you can list all of the prime numbers up to 20.



# Prime Number Bingo

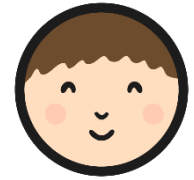


Write six prime numbers less than 20 on your card.





# Find the Primes



Use your marvellous maths skills to complete these activity sheets:

4) Now, try choosing any...  
Which of the prime numbers...


**Find the Primes**

I can name all of the prime numbers to 20.

1) In the first column, write down all of the prime numbers to 20. The first one is done for you.

2) Consecutive numbers are consecutive numbers have on the cards to calculate. You can only use each number once for each prime number. You can use addition, subtraction, multiplication and division. Good luck!

2	2 + 0 = 2

3) Did you get them all? Great work!  
Can you find more than one way to calculate them?

4) Now, try choosing any...  
Which of the prime numbers...


**Find the Primes**

I can name all of the prime numbers to 20.

1) In the first column, write down all of the prime numbers to 20. The first one is done for you.

2) Use the numbers on the cards to calculate the prime numbers. You can only use each number once for each prime number and you can only use addition and subtraction. Good luck!

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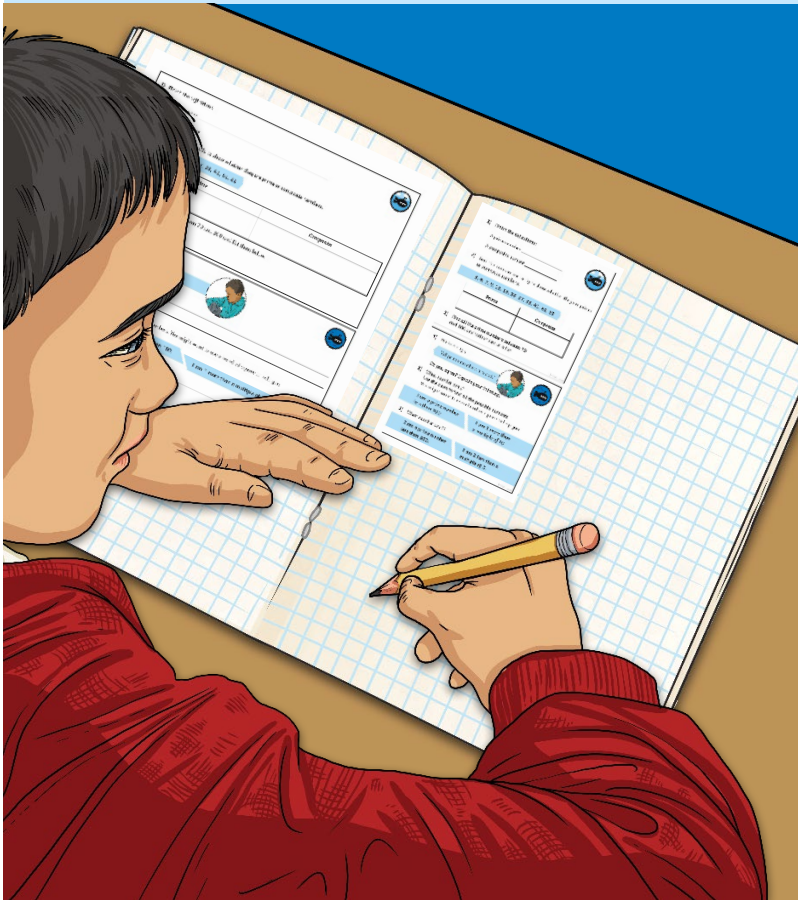
2) Use the numbers on the cards to calculate the prime numbers. You can only use each number once for each prime number and you can only use addition and subtraction. Good luck!

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# Diving into Mastery

Dive in by completing your own activity!



1) Finish the definitions:

A prime number \_\_\_\_\_

A composite number \_\_\_\_\_

2) Sort the numbers correctly to show whether they are prime or composite numbers.

3, 6, 7, 9, 13, 15, 18, 27, 33, 41, 61, 81

Prime	Composite

3) Find all the prime numbers between 70 and 100 and write them in a list.

1) Michael says,

"All prime numbers are odd."

Do you agree? Explain your thinking.

2) What number am I?  
Use the clues to find all the possible numbers.  
You might want to use a hundred square to help you.

I am a prime number less than 100.      I am 1 more than a multiple of 10.

3) What number am I?  
I am a prime number less than 100.      I am 2 less than a multiple of 5.

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A prime number \_\_\_\_\_

A composite number \_\_\_\_\_

2) Sort the numbers correctly to show whether they are prime or composite numbers.

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I am a prime number less than 100.      I am 2 less than a multiple of 5.

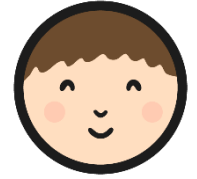
Composite

square to help you.

multiple of 10.

multiple of 5.

# Prime Rhyme



Learn this rhyme for remembering the prime numbers up to 20 and practise it with your partner.



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