

Wednesday 12th January 2022

12.01.2022

Handwriting

Spellings:

instrument
especially
tremendous
popular
description

Task:

Copy each word twice and then write it a third time without looking.

Make sure your joins are accurate, letters the same size and your handwriting sits neatly on the line.

Can you write a complex sentence?

Can you write a sentence with an expanded noun phrase?

Can you write a sentence with a verb opener?

Can you write a sentence with a relative clause?

Word of the Day:

analysis / analyses

Wednesday 12th January 2022

12.01.2022

I can explain the differences between direct speech and reported speech.

Lets recap our key vocabulary for this unit.

If you're unsure of any meanings, look them up using a dictionary.

- headline,
- overview,
- columns,
- past tense,
- quotes,
- conclusion,
- exaggeration.

THE TWINKL TIMES

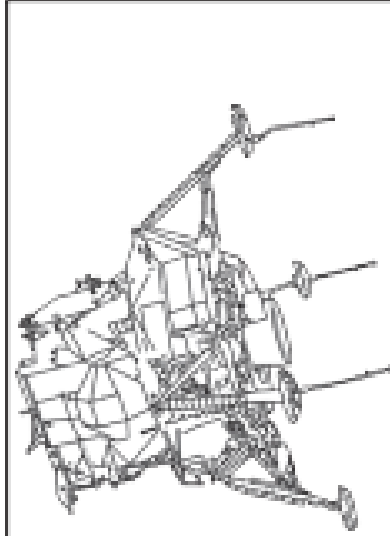
MEN ON THE MOON!

It's One Giant Leap...

21st July 1969

Yesterday, NASA astronauts Neil Armstrong and Edwin (Buzz) Aldrin made history when they became the first humans to walk on the Moon.

Following their three-day journey into space in the Saturn V rocket, the astronauts (alongside Michael Collins) reached the Moon's orbit on 19th July 1969. After a period of rest, Neil and Buzz entered the lunar module, nicknamed The Eagle, yesterday. Michael remained in the rocket to carry out vital experiments and take photographic records of the mission



The Eagle (lunar module)

Their mission (to reach the surface of the Moon) was met with some challenges. Initially, The Eagle was heading towards a large crater so Neil took manual control to direct it towards a safer landing position.

With fuel quickly depleting, the courageous space explorers skilfully landed on Earth's satellite. Neil immediately contacted the NASA headquarters to give them the good news and was heard uttering, "Tranquillity Base here. The Eagle has landed." An audible sigh of relief came back from NASA as the astronauts touched down at an area on the Moon's surface close to the Sea of Tranquillity, which they had named Tranquillity Base.



Neil Armstrong

Due to the complexity of the mission so far, NASA enforced a rest period. However, this was shortened when both of the astronauts struggled to sleep. After almost four hours waiting within the lunar module, Neil was the first to exit; he slowly descended the metal stairs towards the dusty surface of the Moon.

Having reached the final rung, he stretched his left foot down (there was a gap of about 50 centimetres) and proclaimed, "That's one small step for man, one giant leap for mankind."



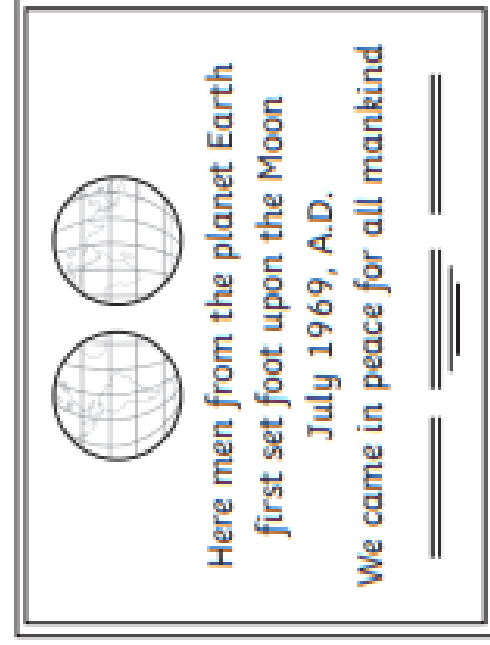
After almost 20 minutes, Buzz joined him. Together, the intrepid space travellers spent approximately two and a half hours exploring the Moon. They spent time collecting samples of Moon dust and rock, moving up to 90 metres from the lunar module. The most exciting part of their mission, as watched by nearly 600 million fortunate television viewers around the world, was the moment they planted the American flag on the Moon.

This was another task that initially didn't go to plan; the metal pole used to hold the flag out horizontally (there is no wind on the Moon to waft a flag) wouldn't fully extend. With perseverance, Neil and Buzz managed to place the flag so that it could be clearly seen in a proud, fluttering position.

Despite facing complications during their mission, these valiant astronauts made history and will be remembered forever.

Moving on the Moon's surface, where gravity is less powerful than on Earth, appeared to give the astronauts enjoyment; they spent time jumping like kangaroos and leaping like gazelles! Neil reported that it was not at all difficult to move around in low gravity.

Their final task before re-entering the lunar module (which would then see the pair head back to the rocket where Michael was waiting patiently, while orbiting the Moon) was to unveil a metal plaque. Its inscription read:



After another rest period of seven hours, Neil and Buzz were able to return to the rocket. This, however, did not happen without any issues; they realised that the ignition switch was broken (their bulky spacesuits had snapped it when they were leaving The Eagle). The pair's ingenuity meant that this issue was resolved quickly and the switch was fixed using part of a pen!

Wednesday 12th January 2022

12.01.2022

I can explain the differences between direct speech and reported speech.



What example of speech can you find in 'Men on the Moon'?

Whose words have been quoted?

Why have those words been chosen for the newspaper article?

Wednesday 12th January 2022

12.01.2022

I can explain the differences between direct speech and reported speech.

Eye witnesses report having seen terrified citizens cowering in buildings and others desperately trying to make their ways boats on the coast in the hope of escaping the oncoming terror as the horror unfolded.

Is this an example of direct or reported speech?

How do you know?

Wednesday 12th January 2022

12.01.2022

I can explain the differences between direct speech and reported speech.

Reported or direct speech?

"The ash poured inexorably into my town!" said Mrs Rictus mournfully.

Mrs Rictus mournfully told us that the ash had poured inexorably into her town.

How has the sentence changed?

Take a look at the verbs and pronouns in each sentence!

Wednesday 12th January 2022

12.01.2022

I can explain the differences between direct speech and reported speech.

Let's switch some direct speech into indirect speech...

"A massive chunk of rock slammed into my home and totally destroyed it!" sobbed Mr Lour.

Mrs Gloom panted, "I ran all the way down the road to get the last boat out and save my life!"

I can explain the differences between direct speech and reported speech.

https://www.youtube.com/watch?v=WLMpNj1HK_c&ab_channel=MountWashingtonAvalancheCenter

Task:

Imagine you are interviewing the skier, think of 5 questions to ask that require more than a one word answer.

Complete these three stages:

1. Come up with a question that requires a simple sentence answer - NOT just one word.
2. Write the answer as direct speech.
3. Rewrite the answer as reported speech thinking about changes to verbs and pronouns!

Then repeat for a different question!

Wednesday 12th January 2022

12.01.2022

I can explain the differences between direct speech and reported speech.

Plenary:

Read the examples of direct and indirect speech you have written.

Have the verbs been altered successfully?

Do the pronouns make sense?

12.01.22

I can multiply with 2 digits

Flashback 4

Year 5 | Week 1 | Day 3



- 1) Multiply 374 kg by 6
- 2) What is the area of these two shapes?


The diagram shows two adjacent rectangles, A and B, both shaded blue. Rectangle A has a length of 10cm and a width of 4cm. Rectangle B has a length of 7cm and shares the same width of 4cm as rectangle A. The total width of the combined shape is 4cm.
- 3) Write down 2 factors of 20
- 4) Work out $280 + 849$

1 2. 0 1. 2 2

I can multiply with 2 digits

<https://vimeo.com/488076765>

Watch the lesson above and complete the work on the next slide.

Reasoning:

Is the following statement true or false?

Can you use reasoning to explain your thinking?

If there is a zero in one of the factors then there will always be a zero in the product.

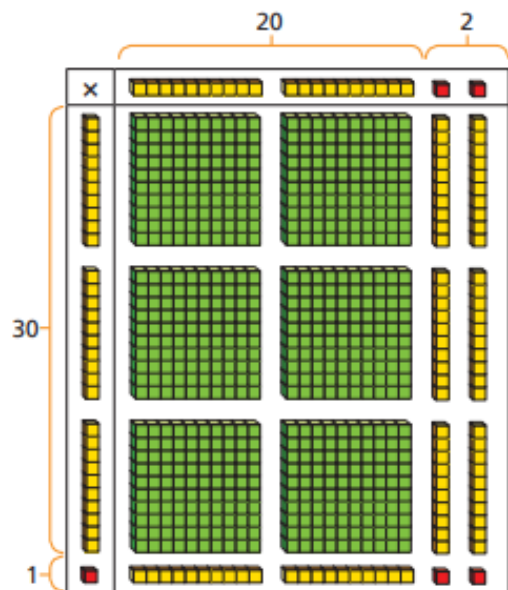
		5	4	0
×				6
	3	2	4	0
		2		

	3	0	4
×			2
	6	0	8

Multiply 2-digits (area model)

- 1 Kim is using base 10 to work out 31×22

Use Kim's model to help you complete the sentences.



There are ones altogether.

There are tens altogether.

There are hundreds altogether.

$31 \times 22 =$

- 2 Use base 10 to work out the multiplications.

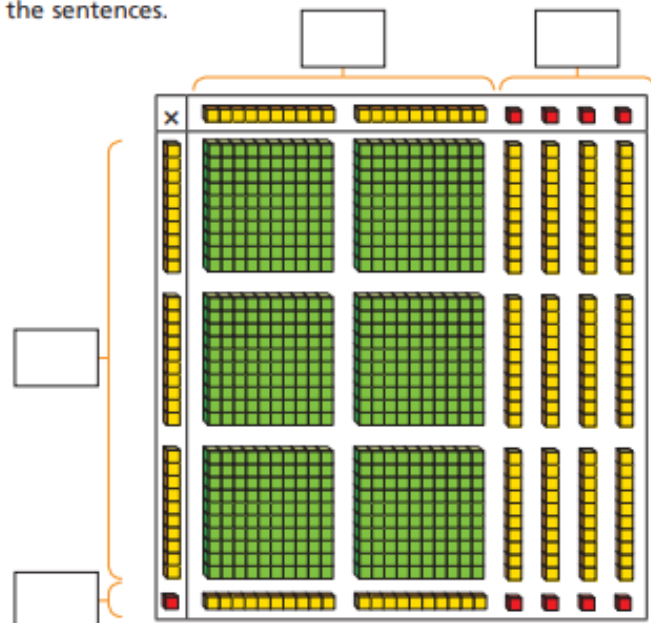
a) $12 \times 14 =$

b) $23 \times 13 =$



- 3 Amir is using base 10 to calculate 31×24

- a) Add the missing information to the area model and complete the sentences.



There are ones altogether.

There are tens altogether.

There are hundreds altogether.

- b) Describe any exchanges you need to make.

- c) Complete the multiplication.

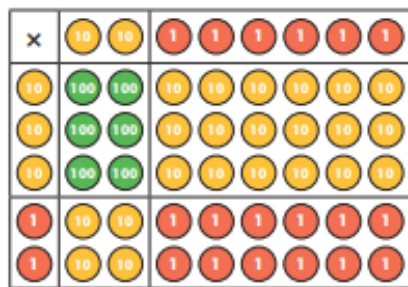
$31 \times 24 =$

- 4 Use base 10 to work out these multiplications.

a) $25 \times 15 =$

b) $36 \times 12 =$

- 5 Use the place value counters to complete the multiplication grid and sentence.



×	20	6
30		
2		

$$26 \times 32 = \square$$

- 6 Use an area model to help you complete the multiplication.

a) $28 \times 14 = \square$

×	20	8
10		
4		

c) $35 \times 22 = \square$

b) $27 \times 16 = \square$

×		

d) $45 \times 36 = \square$

- 7 Complete the multiplications.

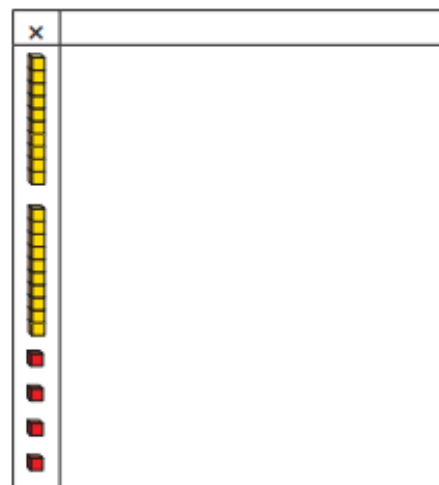
$$21 \times 24 = \square$$

$$31 \times 25 = \square$$

$$18 \times 26 = \square$$

8 $24 \times \square = 768$

Complete the area model to find the missing number.



- 9 Use each digit card once to write a multiplication.



$$\square \times \square = \square$$

How many different answers can you find?

How many products are there between 1,000 and 1,500?

1 2. 0 1. 2 2

I can multiply with 2 digits

Plenary:

If there is a zero in one of the factors then there will always be a zero in the product.

		5	4	0
×				6
	3	2	4	0
		2		

	3	0	4
×			2
	6	0	8

Wednesday 12th January 2022

12.01.2022

I can locate the indigenous peoples of North and South America.

Vocabulary:

**continent,
North America,
South America,
Central America,
indigenous,
peoples.**

Wednesday 12th January 2022

12.01.2022

I can locate the indigenous peoples of North and South America.

What does 'locate' mean?

What does 'indigenous' mean?

Is the word 'peoples' correct?

Where are North and South America?

Which countries are in North and South America today?

Wednesday 12th January 2022

12.01.2022

I can locate the indigenous peoples of North and South America.

What can you tell me about the modern day Americas?

What do you know about the Americas of the past?

Wednesday 12th January 2022

12.01.2022

I can locate the indigenous peoples of North and South America.

Task:

Use the Google Earth to find North, South and Central America.

<https://earth.google.com/web/>

What countries can you find for each region?

Wednesday 12th January 2022

12.01.2022

I can locate the indigenous peoples of North and South America.

Lets take a look at maps of the indigenous peoples of Central America.

What do you notice?



Wednesday 12th January 2022

12.01.2022

I can locate the indigenous peoples of North and South America.

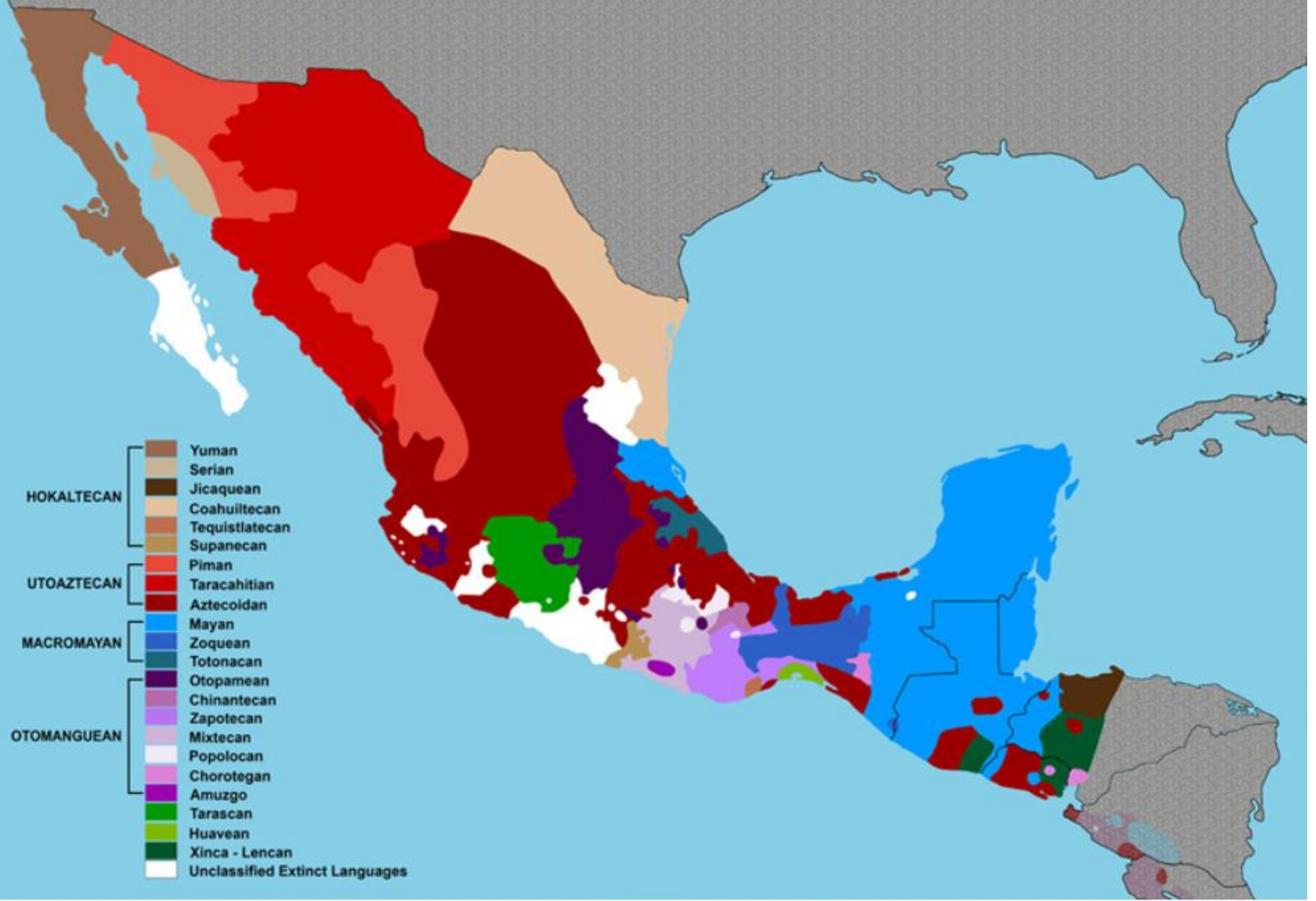
What does 'pre-colonial' mean? (1452)

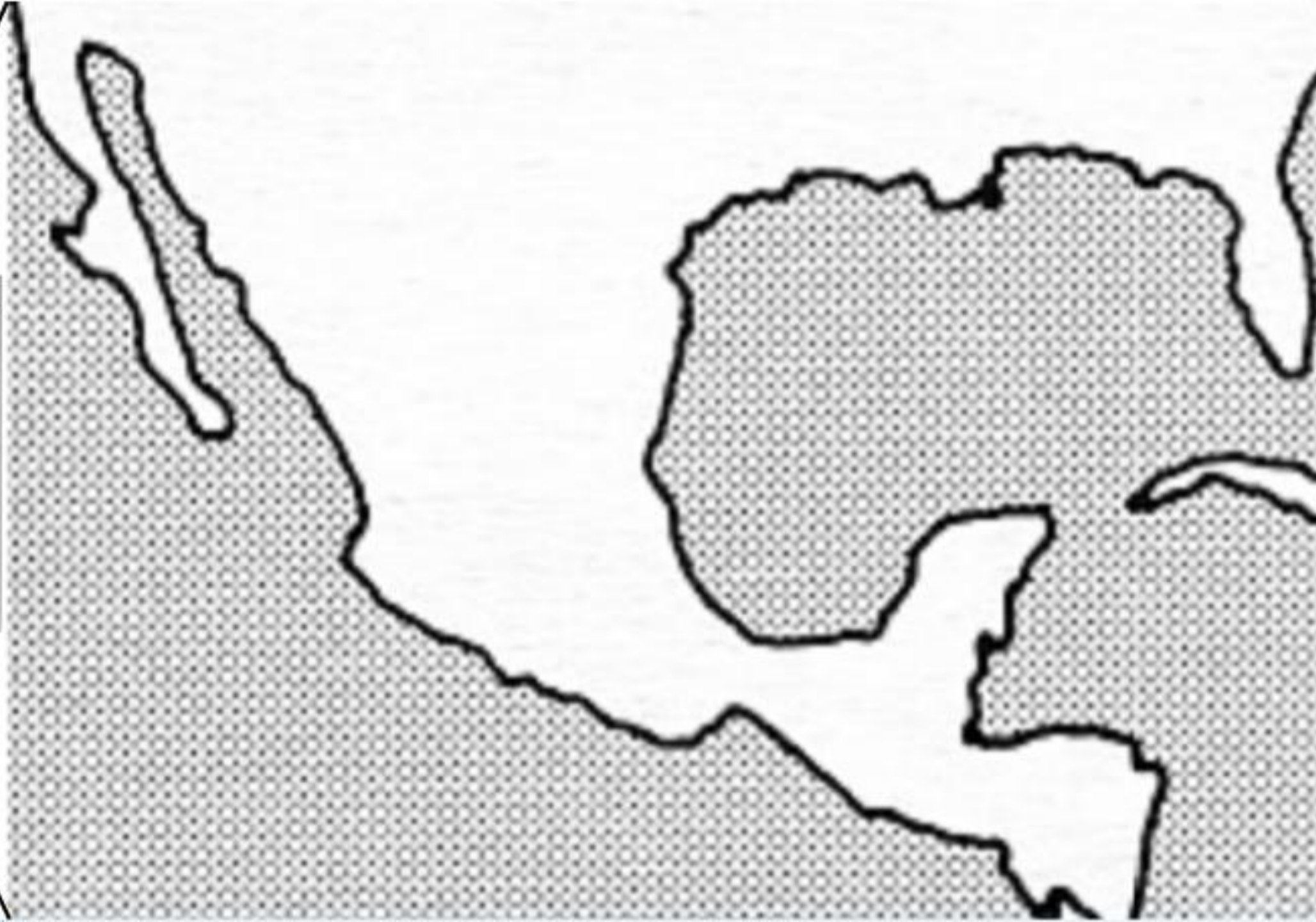
Task:

Complete a map showing where the indigenous peoples of pre-colonial central America lived.

How can we do this?

Which tribes should we begin with?





Wednesday 12th January 2022

12.01.2022

I can locate the indigenous peoples of North and South America.

Plenary:

What does 'indigenous' mean?

What differences are there between modern day Americas and Americas of the past?