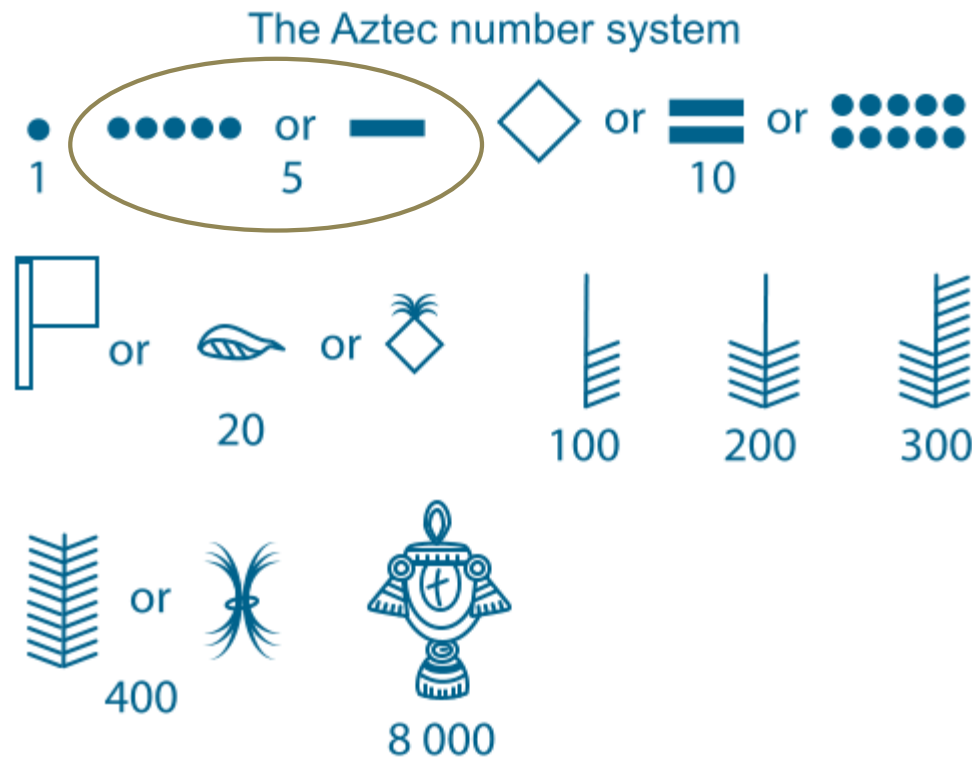




The Awesome Aztecs Maths!

The Aztec Number System

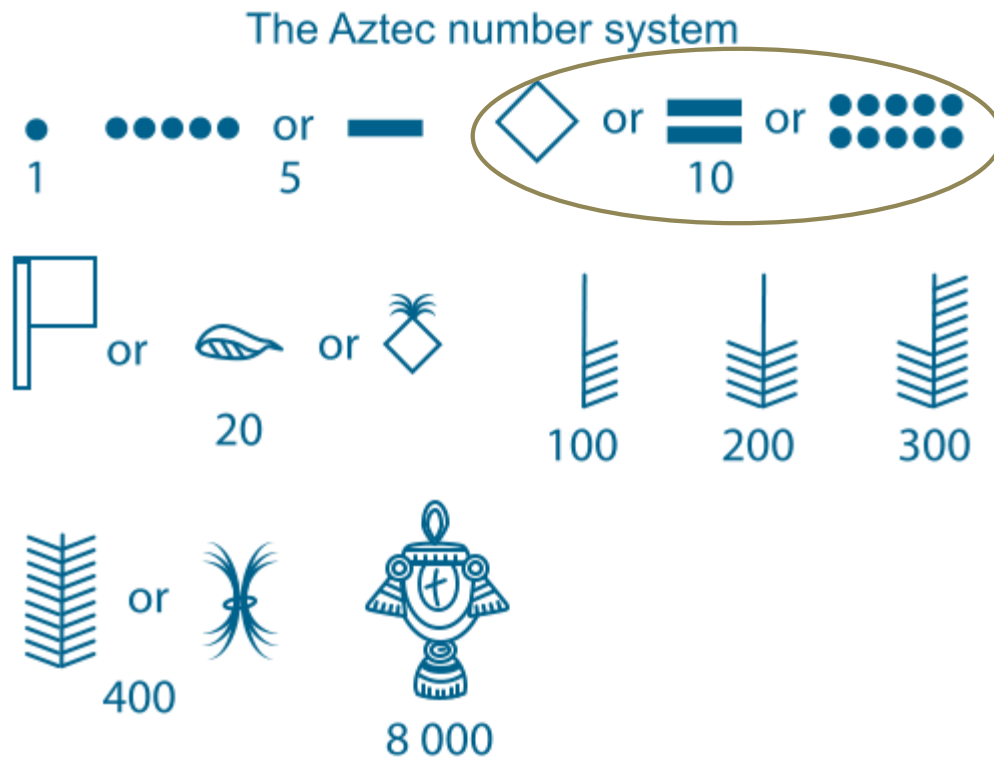
- ▶ The Aztecs had their own complicated number system.
- ▶ The Aztecs used pictures to represent numbers and only had pictures for 9 different numbers. These were:



As you can see there were 2 different ways of representing number 5....

The Aztec Number System

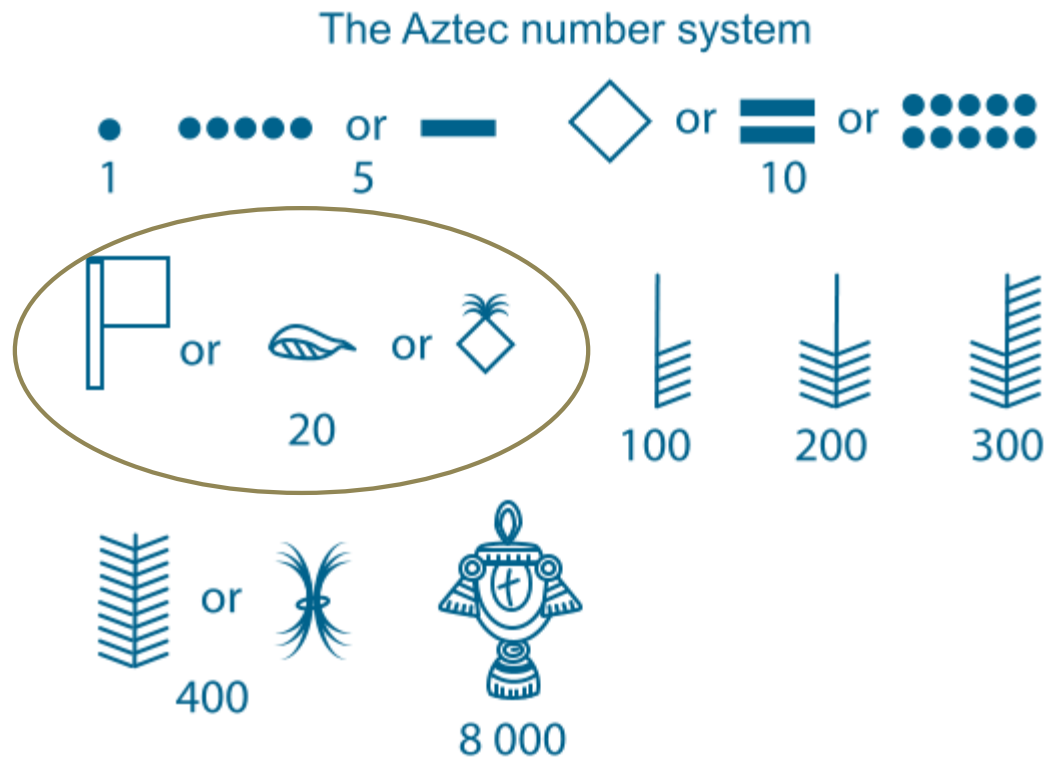
- ▶ The Aztecs had their own complicated number system.
- ▶ The Aztecs used pictures to represent numbers and only had pictures for 9 different numbers. These were:



...3 different ways of representing number 10....

The Aztec Number System

- ▶ The Aztecs had their own complicated number system.
- ▶ The Aztecs used pictures to represent numbers and only had pictures for 9 different numbers. These were:



And 3 different ways of representing number 20....

What about other numbers?

- ▶ The Aztecs only really used their number system to represent those specific numbers.
- ▶ To show other numbers such as 2, 50 and 1000, they would do something like this....

• •

2



Or

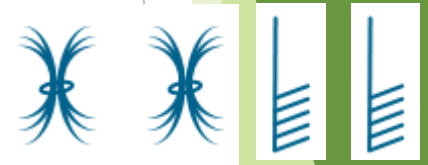
50



Or



Or



1000



Or

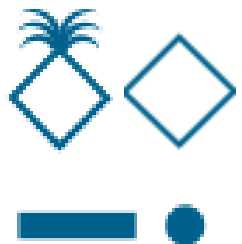


Now it's your turn....

Using the picture below, identify the number which is shown....

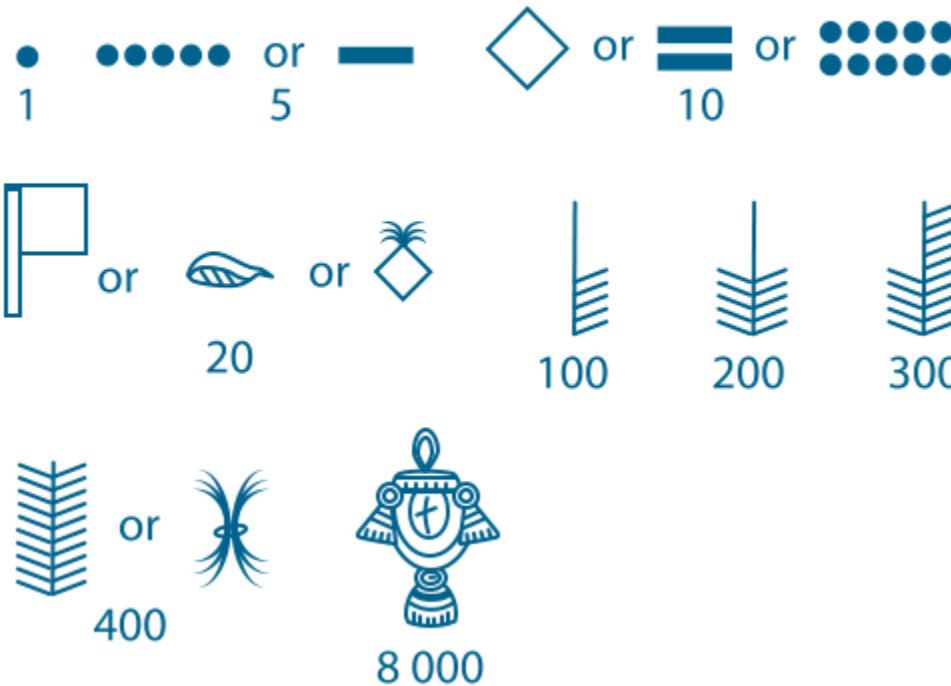


14



36

The Aztec number system



9000

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern, layered effect on the right side of the slide.

Your turn!

Have a go at the following Aztec maths

In your books....

Copy the sums into your maths books, making sure you write the numbers in English (not the Aztec number).

1.  +  =

4.   ÷  =

2.  -  =

5.  +  -  ×  =

3.   ×    =

6.  ÷  ×  =

Let's do some with your adult...

- ▶ Jack and Sophie bought  cacao beans each. How many did they have altogether?

- ▶ There is room in an Aztec pyramid for  coffins on each of the  floors. How many coffins are there if the pyramid is full?

Now it's your go..... Top Tips!

Read through your question sheet and solve the word problems in your books.

- ▶ Use the number sheets to help you.
- ▶ Write the full number sentence you are being asked to do, in our number system (not the Aztec numbers).
- ▶ Check you have converted the numbers correctly.
- ▶ Carefully use the four operations we have been practicing.
- ▶ Make sure all numbers are lined up correctly and that you have copied the sum accurately.

Learning Objective: To understand the Aztec Number system and use it to solve problems.

Success Criteria:

- ▶ Look at the number being shown. Break it down into smaller units and then add these together.
- ▶ Using the number system, solve the given word problems.
- ▶ Read the questions carefully. Calculate correctly and check you have converted the Aztec number correctly (this relates to your personal targets!)
- ▶ Extra challenge: write your answers in Aztec numbers (next to your original number).