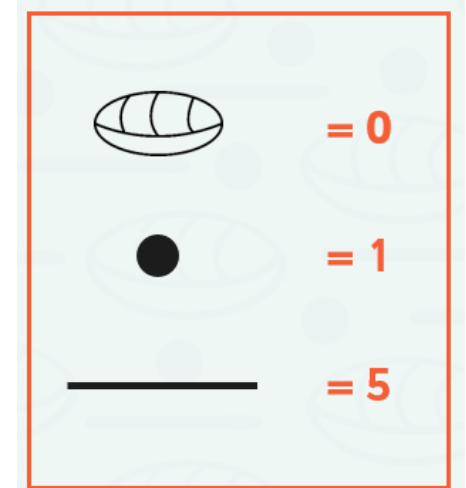














Mayan Number System


Choose mild, spicy or hot to complete in your home learning book.

Mild Task

Work out these Mayan numbers. Use the screens and key to help you.



 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>














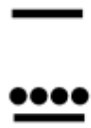
Add up the value of each symbol
 $1 + 1 = 2$

$5 + 5 + 5 = 15$


Then simply combine the two totals!
 $5 + 5 + 5 + 1 + 1 = ?$

Spicy Task

Work out these Mayan numbers. Use the screens and key to help you.

 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>




The Maya only counted up to 20. After that they would count in multiples of 20.



The symbols in the top row need to be added together and multiplied by 20:
 $(1+5) \times 20 = ?$

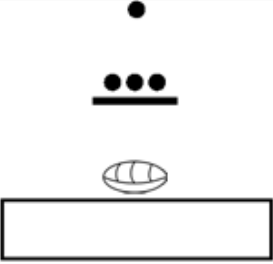
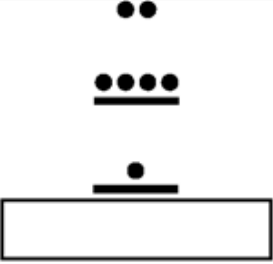
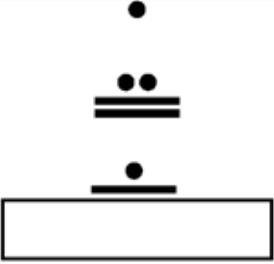
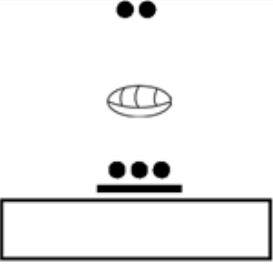



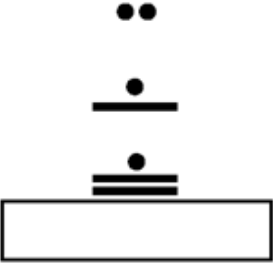
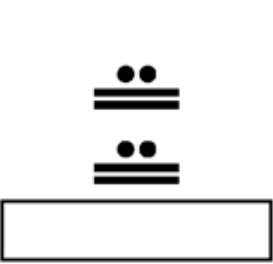
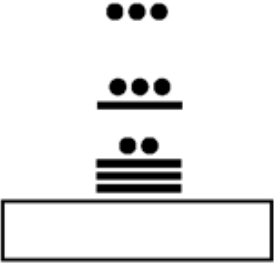
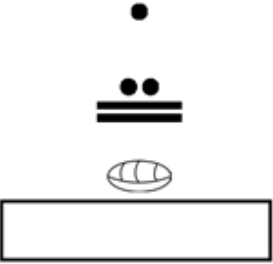
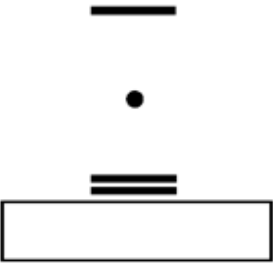
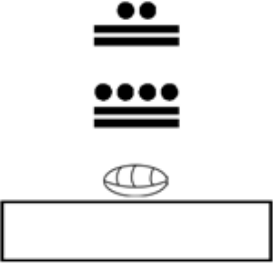
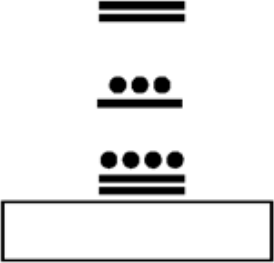
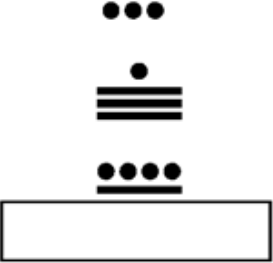
The bottom row simply needs to be added together:
 $1 + 1 + 5 + 5 = ?$

The total value of the symbols can be calculated by simply combining the two values together!
 $(6 \times 20) + (1 + 1 + 5 + 5) = ?$

Key	
	0
	1
	5
Number of 20s	
Number of 1s and 5s	

Hot Task

Work out these Mayan numbers. Use the screens and key to help you.

				<p>Key</p>  0  1  5	
					<p>Number of 400s</p>
					<p>Number of 20s</p>
				<p>Number of 1s and 5s</p>	

Extension: Make up some of your own numbers to challenge a family member.