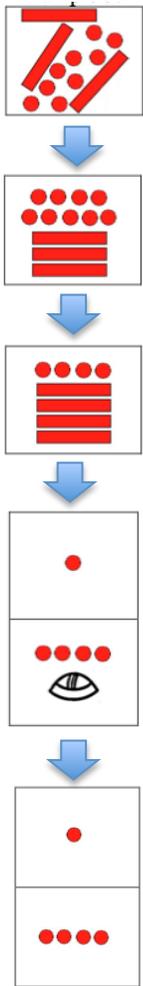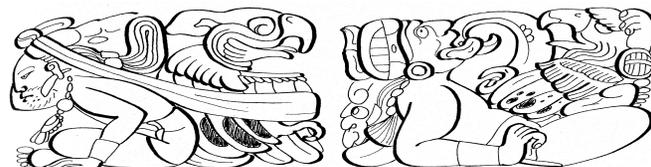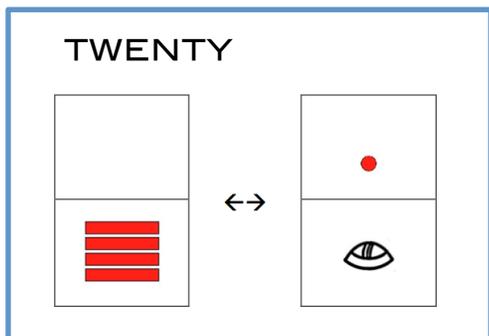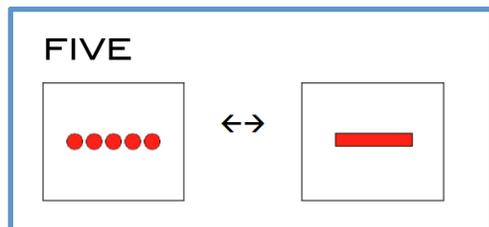# MAYAN NUMBERS

Use this card (in a group of 4) to figure out Mayan numbers and arithmetic. When you have figured it out, test each member of your group by creating addition and subtraction problems and then challenging each other with them.
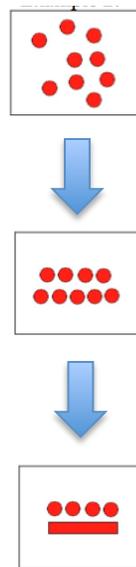
EX 1

Maya		Arabic
(eye)	=	0
(dot)	=	1
(bar)	=	5

FIVE

TWENTY

EX 2

Answers

Ex 1: 24

Ex 2: 9

ADDITION

EX 3: 2 + 2

done

EX 4: 11 + 8

done

EX 5: 330 + 71

done

CHALLENGE:
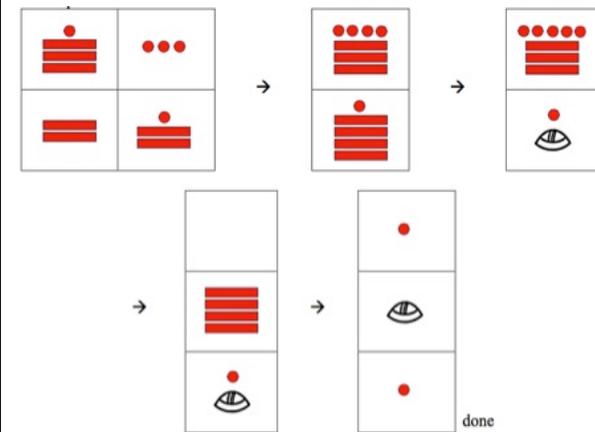The image below is part of a page from a Mayan codex, written in the 1300s AD. What are the four numbers (in red ink), and what is their sum?
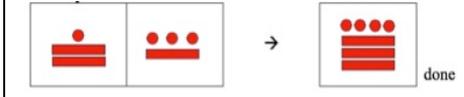
ASSIGNMENT

Once everyone in your group can add any two Mayan numbers (even in the thousands?), the whole group should construct a problem and solve it. You should then present the problem only to another group. Once the other group has solved it, compare your answers. If they are different, figure out who went wrong and where.

If you still have time, figure out subtraction of two Mayan numbers...

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