

Mayan Numbers

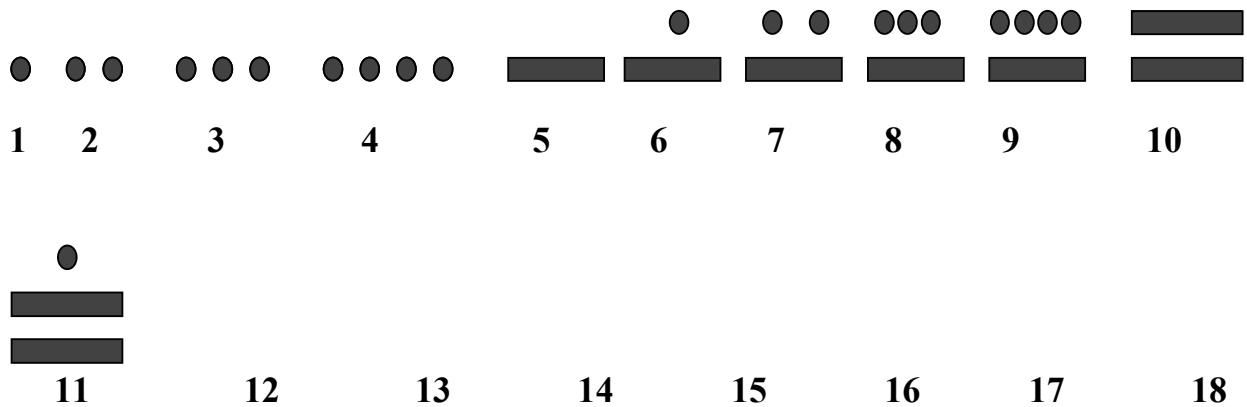
This problem gives you the chance to:

- use symbolic notation

The Maya were an ancient people who lived in Central America. They were very clever at math.



This was the start of their number system.



1. Continue writing the Mayan numbers up to number 18.

Adding and subtracting in Mayan numbers is easy. Here is a sum done for you.

$$\begin{array}{c}
 \bullet \bullet + \blacksquare = \begin{array}{c} \bullet \bullet \\ \blacksquare \end{array} \\
 2 \quad 5 \quad 7
 \end{array}$$

Here are some Mayan calculations for you to do. Write the correct answers in **Mayan symbols**.

2. $\begin{array}{c} \bullet \\ \blacksquare \end{array} + \bullet \bullet \bullet \bullet =$

3. $\begin{array}{c} \bullet \bullet \bullet \\ \blacksquare \end{array} - \blacksquare =$

4. ● ● ● × ● ● ● =

5. $\begin{array}{c} \text{—} \\ \text{—} \\ \text{—} \end{array} \div \text{—} =$

6. $\begin{array}{c} \bullet \bullet \\ \text{—} \end{array} + \quad = \quad \begin{array}{c} \bullet \bullet \bullet \\ \text{—} \\ \text{—} \\ \text{—} \end{array}$