

Alien Math Homework

We have made contact with intelligent aliens from another solar system! Our ambassadors think that it would be a nice gesture if we help some of the alien school children with their homework. The alien teachers transmitted the following worksheets to us. The first two problems on each page are worked out as examples for the alien children.

We know that one of the pages is addition, one is subtraction, one is multiplication, and one is division, but we do not know which is which. We also do not understand what their symbols mean. The ambassadors have a feeling that the aliens do not use our base ten number system to represent numbers, but they are not certain what system they are using.

Your mission is to discover as many things about these worksheets as possible. Can you tell what operation is shown on each page? Can you tell what the symbols mean and make a key? Can you tell how their number system works? Can you understand how to translate these numbers into our system? How would you translate one of our numbers into their system? Finally, can you work out the alien math problems using their symbols?





