



Research the operation of a slide rule. A slide rule is a manual calculator.

Construct a working slide rule according to the following instructions: Cut two strips of paper 28 centimeters long and 3 centimeters wide. Use heavy stock poster paper. Mark each strip off uniformly. Place 0 in the center of the number strip and label the positive and negative integers. Label one strip "A" and the other "B". Mount "A" and "B" on poster paper so that "A" can be slid back and forth above "B". Experiment with your slide rule to figure out how to use it to add or subtract integers.

Demonstrate your slide rule to the class and explain how it works.

**Extension:** *Research and construct a slide rule that will multiply and divide.*