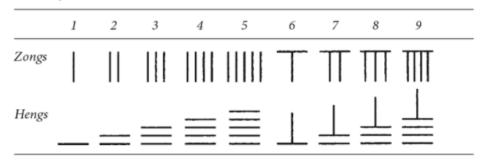
Chinese Rod Numerals

- History
 - o Goes back to Qin and Han dynasty, probably invented earlier
 - Rods originally made of ivory or bamboo
 - During Han dynasty-rods were round bamboo sticks about 2.5 mm in diameter and 140 mm long
 - o By 6th Century AD, became shorter and rectangular
 - o Counting rods also made from wood, cast iron, jade, or ivory
 - o Rods also used in Korea and Japan
- Black rods (fu) = negative numbers
- Red rods (zheng) = positive numbers
- Two types of rods:
 - o **Zongs** units, hundreds, ten thousands, etc
 - o Hengs- tens, thousands, hundred thousands, etc

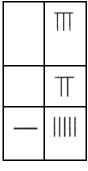


Writing numbers:

$$\equiv T - |||$$
3 6 1 4 = 3614

Write out 295, 6782, 97354 using Chinese Rod Numerals.

Addition: 8 + 7 = 15



Subtraction: 12 - 6 = 6

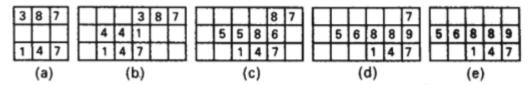
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Write out 43+26=

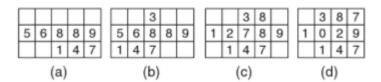
456-15=

627+244=

Multiplication:



Division:



Solve 46*37=

Solve 120204/126=