

Fast Figures: Have a volunteer write two four-digit addends on the board. Then write a third addend, also having four digits on the board. (make sure each digit-when added to the digit directly above it equals nine). Challenge the group to add the three addends faster than you. Write the five digit sum:) followed by the first three digits in the top addend, followed by a digit that is one less than the digit in the top addend's one place.

Odd vs Even: Write an even number on a slip of paper. On another slip write an odd number. Between 1-10. Hold one slip of paper in each hand. Have each student multiply the number in his left hand by three and the number in his right hand by two. Add the resulting products. Ask the volunteer to share his sum. If the student's sum is odd, then the left hand holds the odd number. If the sum is even, the left hand holds the even number.

Clairvoyant Card Reading: On five small index cards write the numbers 1-10, writing 1 on a card, then 2 on the back; 3 on the next card and 4 on the back; etc. Next have each student mix up his/her cards and lay them in any order on the desk. Without looking at the cards, ask a student to tell you how many odd numbers he has showing. You can then instantly determine the sum of his upturned cards. The sum of 2,4,6,8, and 10 is 30. Subtract the number of odd cards showing from 30.

And the number is: Have each student write a three-digit number (consisting of three different digits). Instruct the students to reverse the digits in their number and write this new number below the original one, and subtract. If the difference is 99 then they will need to pick a new number. Next tell each student to reverse the order of the digits in the difference, then add this new number to the difference. Then-drawing upon your unbelievable psychic powers-inform students that they each have the same result 1,089.

7	15	14	8	Circle any number, X off all other numbers in row up & down & sideways.
5	13	12	6	Repeat with remaining numbers. Add up numbers in circles. Add up numbers in circles.
3	11	10	4	It should always be 37.
6	14	13	7	

Container Units: Estimate the number of small measures of rice it will take to fill the cup. Then try it to see how close you come to your estimate. Repeat #1 using the different kinds of beans. Experiment with other measures and containers.

Toothpick Units: Imagine ten toothpicks laid out end to end. Estimate and mark how far they would reach. Then lay the toothpicks out to see how close you come to your estimate. Repeat with paper clips, beans, inches, centimeters. Pick any of the units of measure above and first estimate then calculate the length of each of the objects.

About your height: Using your height string, first estimate then determine the relationships below. My height is about ---times the length of my foot...the circumference of my head...the circumference of my wrist...the circumference of my waist.