Math Puzzles
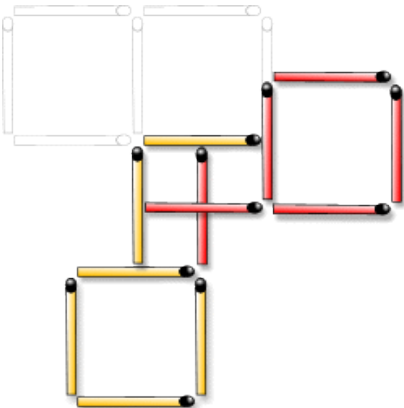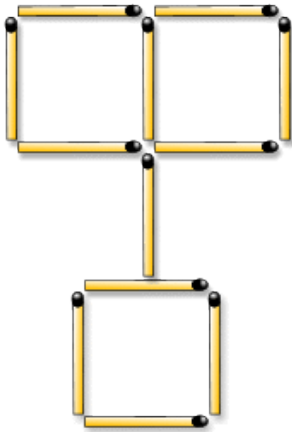
1. How can you add eight 8's to get the number 1000?

   888 + 88 + 8 + 8 + 8 = 1000

2. Move 6 matches to make 5 squares.

3. How can this be made correct?
   11
   66
   88
   96
   ___
   294
   ___

   Turn the numbers upside down and add: 11+99+88+96 = 294

4. In a gathering, there are 35 people in total. There are twice as many women as children and twice as many children as men. How many men, women and children are there?

20 women, 10 children and 5 men
X is the number of men, then
x+2x+4x=35
7x=35
x=5

5. A duck was given Rs 9, a spider was given Rs 36, a bee was given Rs 27. Based on this information, how much money should be given to a cat?
Rs 18 (Rs 4.50 for each leg)

6. Find the number x and the digit shown as y in
$$[3(230+x)]^2 = 493,y04$$

The left side of the equation is divisible by 9, so the right side is also divisible by 9. The sum of the digits on the right side is divisible by 9, so y is 8 and x has a value of 4.

7. It is raining at midnight. Will it be a sunny weather in 96 hours?

No, it will be midnight again.