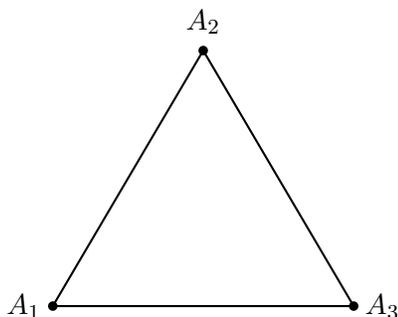
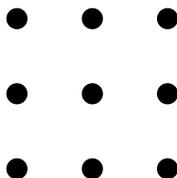


Problems of the Month
October 2010

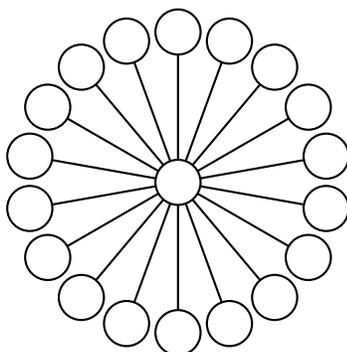
1. The points A_1 , A_2 and A_3 form the vertices of a triangle. Arrange the points A_4 , A_5 , A_6 , A_7 , A_8 , and A_9 along the sides of the triangle so that the sum of the subscripts of the points along each side is 17.



2. Make a square with 9 dots as shown. Cross all the dots with 4 straight lines without taking your pencil from the paper.



3. Write the numbers 1 through 19 in the circles so that the numbers in every three circles on a straight line total 30.



4. How many pluses should we put between the digits 987654321 to get a total of 99 and where?
5. A chess player cut up his chessboard into 14 parts as shown. Put the chess board back together.

