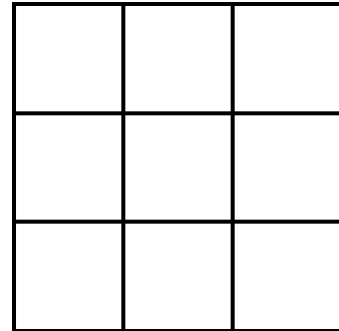


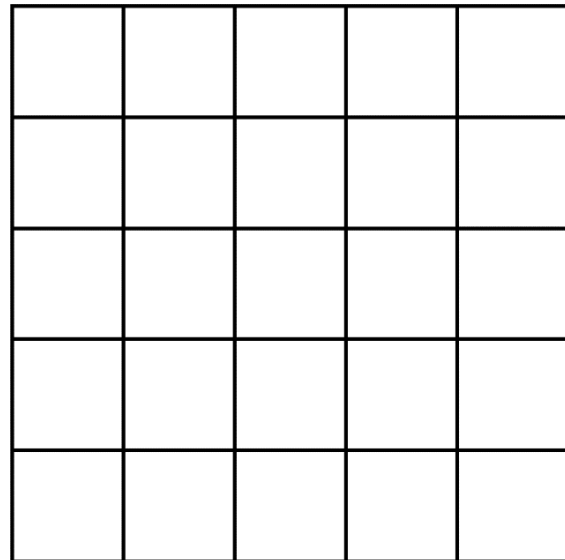
Magic Squares and Sum Shapes

Name:

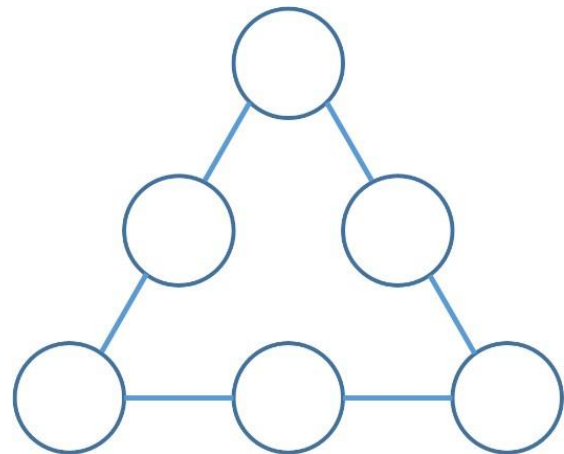
1. Using the integers from 1 to 9, place them into the square so that each column, row, and diagonal have the same sum.



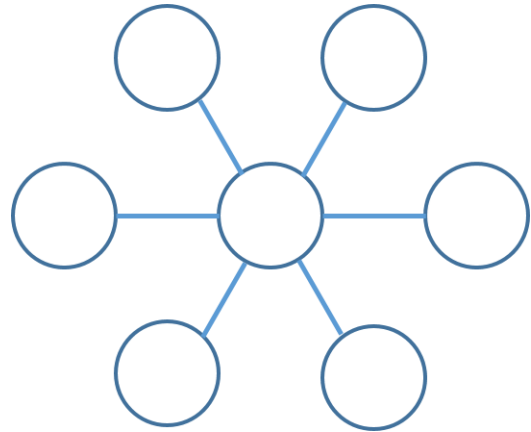
2. Using the integers from 1 to 25, place them into the square so that each column, row, and diagonal have the same sum.



3. Using the integers from 1 to 6 in the circles so that the sum of the numbers along each side of the triangle is 10.



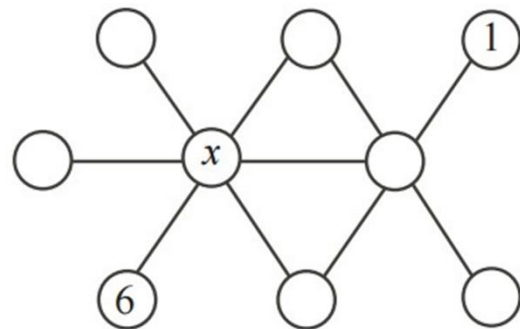
4. Place the integers from 1 to 7 in the circles so that the sum of the numbers along each line is 12.



5. In a magic square, all rows, columns, and diagonals have the same sum. The magic square shown uses each of the integers from -6 to +2. What is the value of Y ?

+1		Y
-4		
-3		-5

6. In the diagram, each of the integers 1 through 9 is to be placed in one circle so that the integers in every straight row of three joined circles add to 18. The 6 and 1 have been filled in. What is the value of the number represented by x ?



7. Arrange the numbers from 1 to 10 into the circles below so that the sum of the values along the lines are equal:

