ARITHMOGONS

In an arithmogon the number in each square must be the sum of the 2 numbers either side of it:

3 — [7] — 4
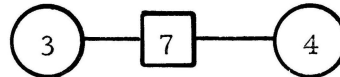
Complete these arithmogons:
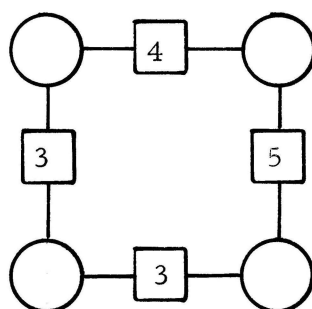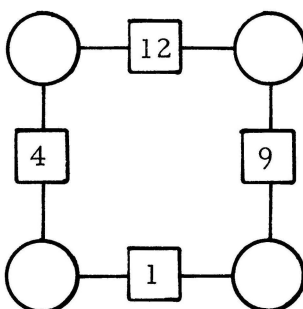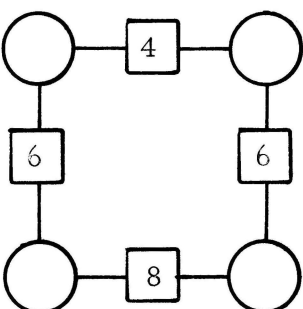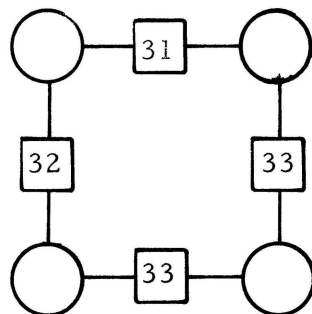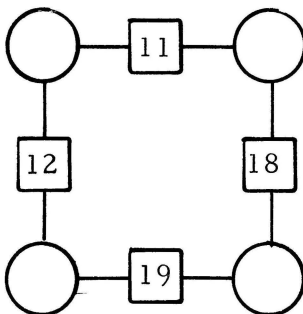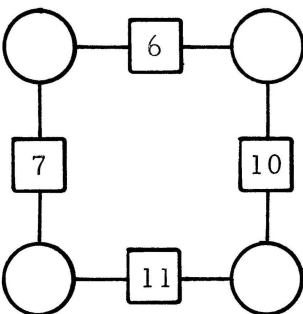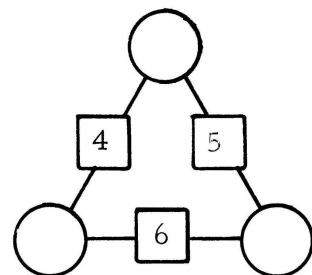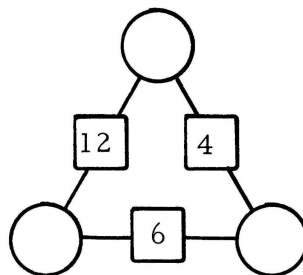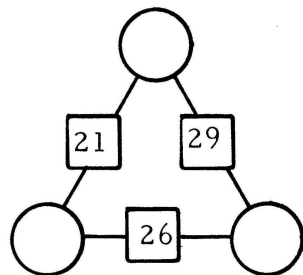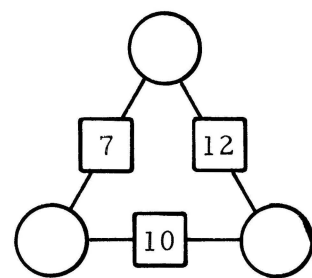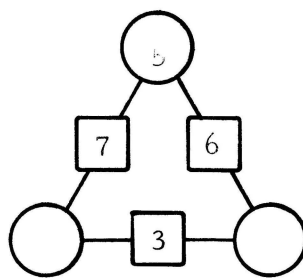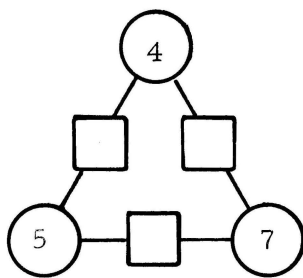
What about pentagons, hexagons, ...   ?
Is there always an answer?
Is there always only one answer?