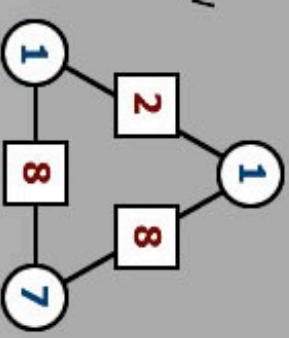




Arithmagons

March 2005

Check you understand how the values of the circles determine the values of the squares

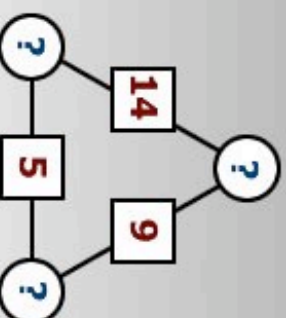
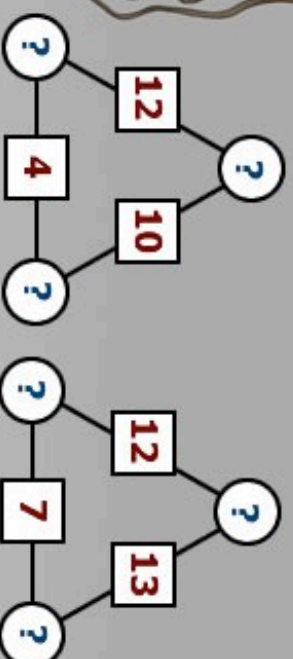


Can you fill the circles irrespective of what is in the squares?

Have you now got a strategy for working out all arithmagons?

Does your strategy help you understand why all triangular arithmagons can be completed?

Describe and explain what you have discovered.



Thousands more problems can be found on the [NRICH](http://www.nrich.maths.org) website

www.nrich.maths.org

