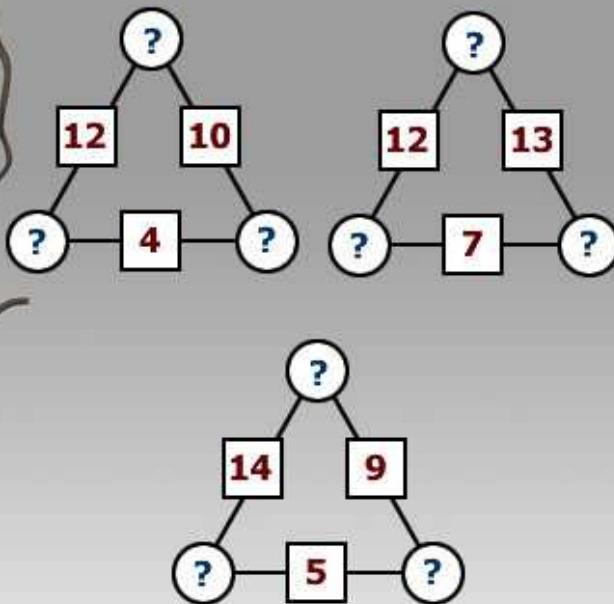
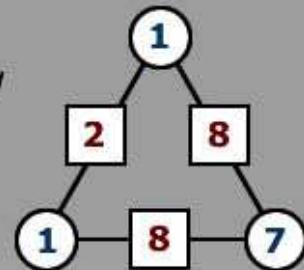
The NRICH logo is a stylized spiral in pink and white, with the word "rich" in white. It is set against a lush, green jungle background with various tropical plants, flowers (including orange, purple, and yellow lilies), and a small jaguar in the lower left. The background is a light grey.

NRICH

# Arithmagons



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.

[www.nrich.maths.org](http://www.nrich.maths.org)