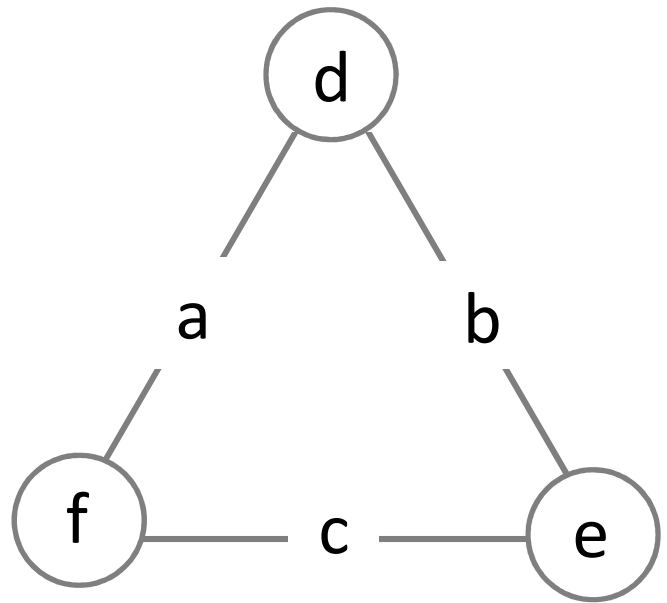


Stage 7 algebra. How to solve triangle 'arithmogon' puzzles:

The challenge is to put numbers in the circles that add up to the numbers on the lines. So $a = d + f$, $b = d + e$ and $c = f + e$

1. $(a+b-c) \times 0.5 = d$
2. $b-d=e$
3. $a-d=f$

N.B. It's OK to rotate the puzzle to make it easier!



Have a look at this example:

