Our general formula for the Arithmagons is: X= -B+C+A

 2

A

C

B

If you define the bottom left number as ‘X’ then the other corner numbers relative to ‘X’ are:

C-X and A-X

Therefore: C-X+A-X = B

This can be written as: -2X= B-C-A

Therefore: X= -B+C+A

 2