



Specialists in rich mathematics

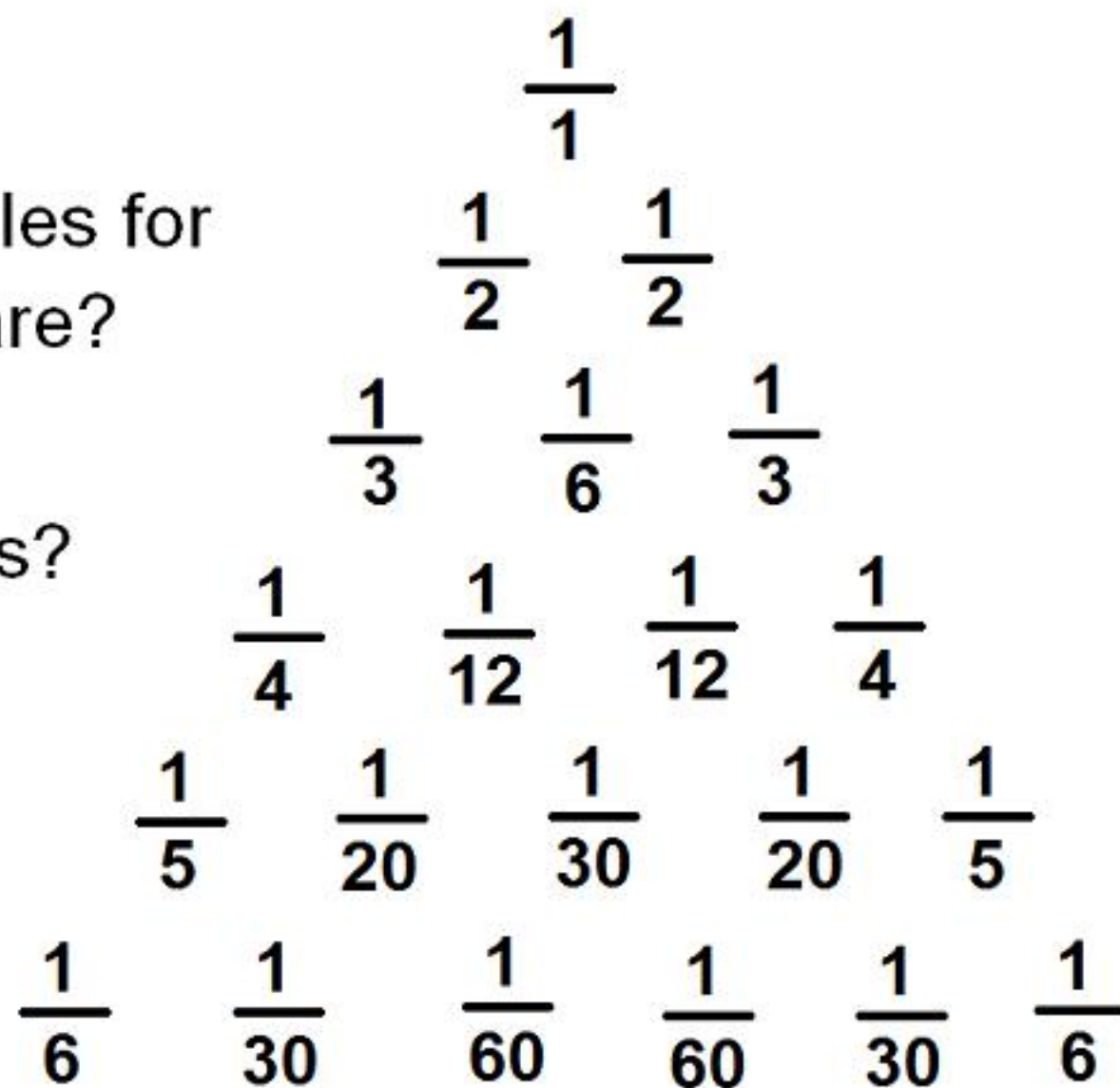
Harmonic Triangles

Can you see what the rules for making the next line are?

Can you work out the next two rows?

Will the second diagonal ($1/2$, $1/6$, $1/12$...) always contain unit fractions?

Can you prove it?



Thousands more problems can be found on the NRICH Maths website:

<http://nrich.maths.org>