



Specialists in rich mathematics

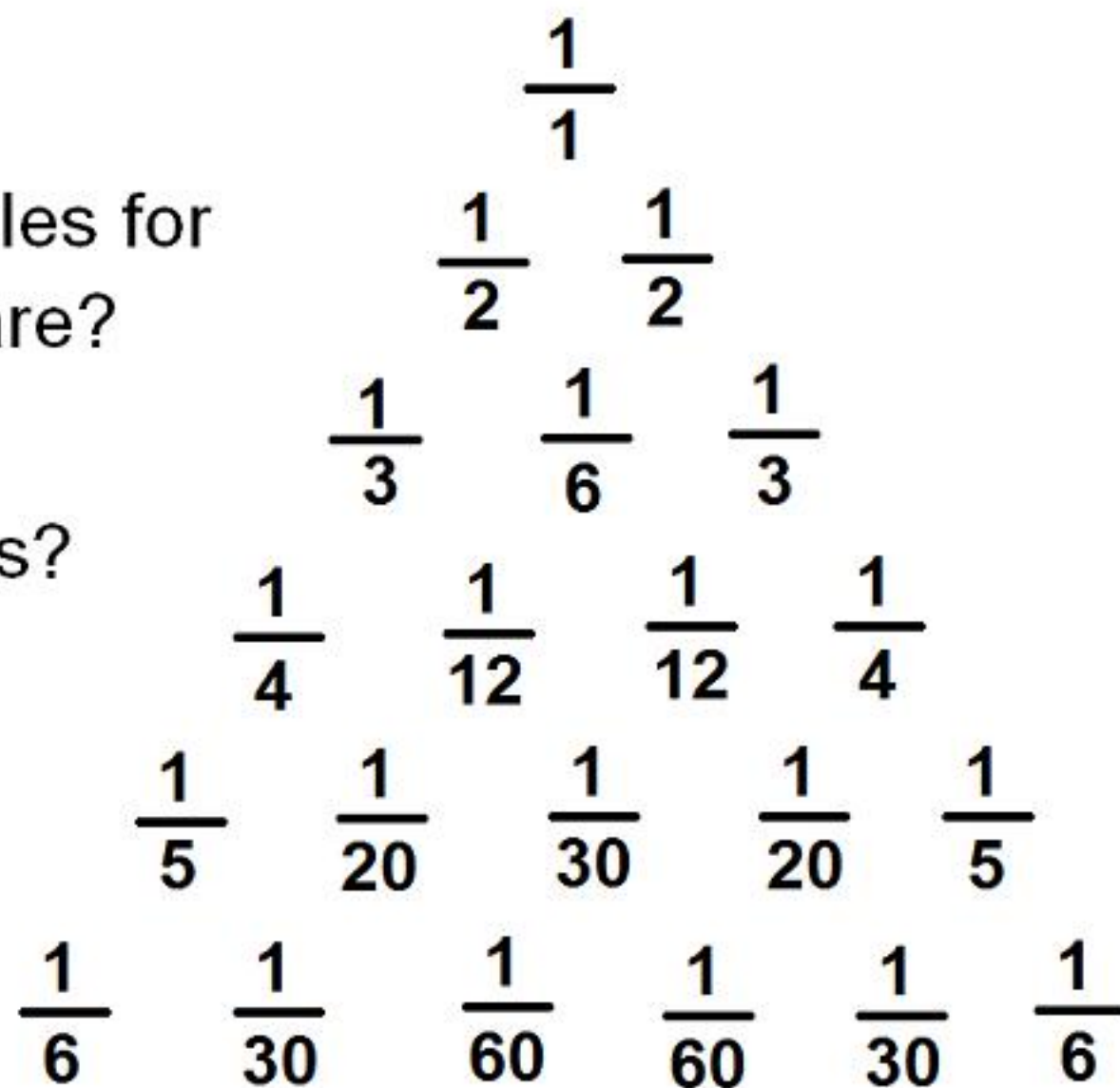
# Harmonic Triangles

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

Can you work out the next two rows?

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

Can you prove it?



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

<http://nrich.maths.org>